

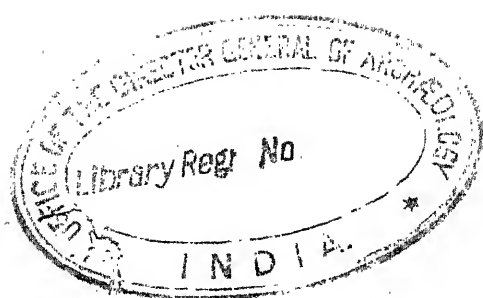
GOVERNMENT OF INDIA
DEPARTMENT OF ARCHAEOLOGY
CENTRAL ARCHÆOLOGICAL
LIBRARY

CALL No. 910.5/P.R. G.S.

ACC. No. 25300

D.G.A. 79.

GIPN—S4—2D. G. Arch. N. D./57—23-9-58—1,00,000



GENERAL INDEX TO THE PROCEEDINGS
OF THE
ROYAL GEOGRAPHICAL SOCIETY.



GENERAL INDEX

TO THE

FOURTEEN VOLUMES

OF THE

Proceedings

OF THE

Royal Geographical Society,

NEW SERIES,

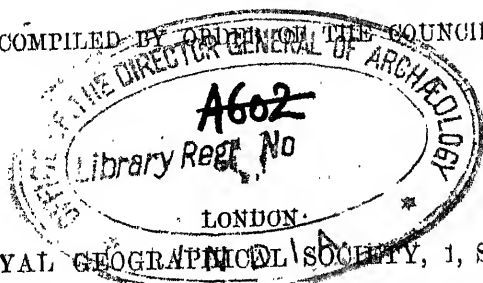
1879—1892.

25300



910.5
P.R.G.S.

COMPILED BY ORDER OF THE COUNCIL,
OF THE DIRECTOR GENERAL OF ARCHÆOLOGY



THE ROYAL GEOGRAPHICAL SOCIETY, 1, SAVILE ROW;
EDWARD STANFORD, 26 AND 27, COCKSPUR STREET, CHARING CROSS, S.W.

1896.

CENTRAL ANTHROPOLOGICAL
LIBRARY, NEW DELHI.

Acc. No. 25350

Date 17.1.56

Call No. 910.57/P.K.G.3.

CONTENTS.

	PAGE
I. INDEX TO THE PAPERS IN THE PROCEEDINGS ...	i
II. INDEX TO THE MAPS IN THE PROCEEDINGS ...	xiv
III. INDEX TO THE ILLUSTRATIONS IN THE PROCEEDINGS ...	xix
IV. GENERAL INDEX TO THE PROCEEDINGS ...	1

I. INDEX TO THE PAPERS IN THE PROCEEDINGS OF THE ROYAL GEOGRAPHICAL SOCIETY, 1879-92.

EUROPE.

Alps—

Origin of Flora of the European, J. Ball, i. 564

Alpine notes of Leonardo da Vinci, D. W. Freshfield, ii. 335

Alpine Pass of Hannibal, D. W. Freshfield, viii. 638

Black Sea, Exploration of the, xiv. 461

Caucasus—

Two Russian Travellers in, D. W. Freshfield, vii. 597

The Caucasus, D. W. Freshfield, ix. 617

Suanetia, D. W. Freshfield, x. 325

The Peaks, Passes, and Glaciers of the, D. W. Freshfield, x. 677

Further Explorations in the, A. F. Mummery, H. W. Holder, C. T. Dent, and D. W. Freshfield, xi. 351

Explorations and Ascents in 1889, xi. 671

Search and Travel in the Caucasus, Douglas W. Freshfield, xii. 257

Travels and Ascents in the Basardjusi District, Daghestan, G. P. Baker, xiii. 813

Exploration in the Central Caucasus in 1890, Douglas W. Freshfield, xiv. 100

Views in Circassia, with notes by the late Admiral Sauwarcz Brock, xiv. 173

Iceland—

Askja, the largest volcano of, with a short description of the Odáðaraun, W. G. Lock, iii. 471

Across, by the Sprengisandr Route, C. E. Peek, iv. 129

Excursion to Askja, August, 1881, E. Delmar Morgan, iv. 140

The Öræfa Jökull, and its First Ascent, Fredk. W. W. Howell, xiv. 841

France. The Glacial Catastrophe in Savoy, xiv. 550

Norway and Lapland, Voyage on the Coasts of, Lieut. G. T. Temple, ii. 273

Russian Lapland, Notes on, Lieut. G. T. Temple, R.N., ii. 593

Russia. Summary of Recent Pendulum Observations in Russia, E. Delmar Morgan, xiii. 168

ASIA.

General—

Sea route to China, from Western Asia, notes on the oldest records of the, Col. H. Yule, iv. 649

Cyprus—

Journey through, in 1878, J. Thomson, i. 97

Prehistoric, Rough Notes on, Sir H. C. Rawlinson, i. 106

Lieut.-Gen. Sir R. Biddulph on, xi. 705

Turkey in Asia—

Asia Minor. Notes on the Physical and Historical Geography of, made during Journeys in 1879-82, Col. Sir C. W. Wilson, vi. 305

Asia Minor. Note on the Map of Lycia-Pamphylia, Prof. W. M. Ramsay, x. 160

Asia Minor. Exploration in Cilicia Tracheia, J. Theodore Bent, xii. 445

Arabia—

Bahrain Islands, the, in the Persian Gulf, J. Theodore Bent, xii. 1

Northern and Central Arabia. New Routes through, visit to Jebel Shammar (Nejd), W. S. Blunt, ii. 81

North-Western Arabia and Nejd, Travels in, C. M. Doughty, vi. 382

Yemen, a Journey through, Major-Gen. F. T. Haig, ix. 479

Persia—

On the Topography of the Persian Farsakh, Gen. A. H. ... x. 594

Memorandum on the Society's New Map of Persia, Hon. G. Curzon, xiv. 69

Central Persia, Various Means of Communication between, and the Sea, Col. J. U. Bateman-Champain, v. 121

Demâvend, Notes on, Gen. A. Houtum-Schindler, x. 85

Desert. Journey Across the Western Portion of the Great Persian Desert, via the Siuh Kuh Mountains and the Darya-i-Namak, C. E. Biddulph, xiii. 645

Eastern Persia. Lieut. H. B. Vaughan's Recent Journey in Eastern Persia,

Persia—continued—

- Major-Gen. Sir Frederic Goldsmid, xii. 577
- Karun River and the Commercial Geography of South-West Persia, Hon. G. Curzon, xii. 509
- Karun River. Notes on the present state of the, between Shushter and the Shat-el-Arab, H. B. Lynch, xiii. 592
- Kur River in Fars, etc., Note on the, A. Houtum-Schindler, xiii. 287
- Lake. On the New Lake between Kom and Teherân, H. M. the Shah of Persia, x. 624
- Luristan. Across Luristan to Isfahan, Henry Blossie Lynch, xii. 533
- Mand, or Kara-Aghatch, River (Sitakos of the ancients), Notes on, Lieut.-Col. E. C. Ross, v. 712
- Mashhad (Meshed) Geographical Position of, Major T. H. Holdich, 735
- Northern Persia, Itinerary Notes of Route Surveys in, in 1881-82, Lieut.-Col. Beresford Lovett, v. 57
- Sabzeans, notes on the, Gen. A. Houtum-Schindler, xiii. 663
- Southern Persia, Surveying Tours in, Capt. H. L. Wells, v. 138
- Afghanistan, Russian Turkistan, Pamirs—**
- Mountain Passes on Afghan Frontier of British India, C. R. Markham, i. 38
- Mountain Passes leading to the Valley of Bamian, Lieut.-Gen. E. Kaye, i. 244
- The Highway from the Indus to Candahar, Sir R. Temple, ii. 529
- Steppe Routes from Karshi to the Amudaria, E. D. Morgan, iii. 723
- New Russo-Persian Frontier east of the Caspian Sea, iv. 213
- Journey from Askabad to Sarakhs, M. P. M. Lessar's, iv. 486
- Geographical Nomenclature of the District between Merv and Herat, A. V. , vii. 591

- Afghanistan Expedition, Survey Operations of; the Kurram Valley, Capt. G. Martin, i. 617
- Afghanistan. Country between Candahar and Girishk, Notes on, Capt. R. Beavan, ii. 548
- Afghanistan. Geographical Results of the Afghan Campaign, Capt. T. H. Holdich, iii. 65
- Afghanistan. Afghan Boundary Commission, Geographical Notes, Major T. H. Holdich, vii. 39, 160, 273
- Afghanistan, Capt. Maitland's and Capt. Talbot's Journeys in, ix. 102
- Ferghana and Pamir, M. Severtsof's journey in, in 1877-78, ii. 499
- Helmund, Basin of the, C. R. Markham, i. 191
- Kabul River, Upper Basin of the, C. R. Markham, i. 110
- Kafiristan, A visit to, W. W. McNair, vi. 1

Afghanistan, Russian Turkistan, Pamirs—continued—

- Kara-Kum or Desert of Turkomania, Paul Lessar, vii. 231
- Karateghin and Darwaz, Dr. Albert Regel's Journey in, iv. 412
- Karateghin and Darwaz, Notes of a Journey in, in 1882, M. Kossiakof, translated and annotated by E. Delmar-Morgan, vii. 32
- K. . . . Countries and Tribes bordering on, Major-Gen. Sir Peter Lumsden, viii. 561
- Merv, the Road to, Sir H. C. Rawlinson, i. 161
- Merv and its surroundings, E. O'Donovan, iv. 345
- Oxus, Upper, Regions of the, Robert Michell, vi. 489
- Pamir Expedition, Russian, 1883, vi. 135
- Pamir, the Dragon Lake of, Major-Gen. Sir H. C. Rawlinson, ix. 69
- Pamir, A Journey Across the, from North to South, St. George Littledale, xiv. 1
- Pamirs. Journeys in the Pamirs and Adjacent Countries, Captain F. E. Younghusband, xiv. 205
- Penjdeh, Caves and Ruins at, Capt. F. de Laessle, vii. 583
- Pishin and the Routes between India and Candahar, Major-Gen. Sir M. A. Biddulph, ii. 212
- Shorawak Valley and Toba lateau, Major W. M. Campbell, ii. 620
- The Tashkent Exhibition, 1890, Captain A. C. Yate, xiii. 21
- The Trans-Caspian Railway, Hon. G. Curzon, xi. 273
- Turkoman Country. The Country of the Tekke Turkomans, and the Tejend and Murghab Rivers, Lieut. Col. C. E. Stewart, iii. 513
- Turkoman Desert, Lieut. Kalitin's Journey Across, from Geoktepeh to the Khivan Oasis, iv. 219
- Turkoman Country, M. P. M. Lessar's Second Journey in—Askabad to Ghurian, near Herat, v. 1
- Visit to . . . May and Jar . . . by Miss M. B. Hay, x. 638
- Indian Empire—**
- Indian Surveys, 1885-86, 1889-90, 1890-91, ix. 574, xiii. 401, xiv. 381
- Indian Marine Survey, 1886-87, x. 32
- Andamans, Little. The Exploration and Survey of the, Maurice Postman, x. 567
- Abor Country, on the Upper Brahmaputra, iv. 676
- Abor Hills, Excursion in the, from Upper Assam, J. F. Needham, viii. 313
- Assam. Journey of the Expedition under Col. Woodthorpe, R.E., from Upper Assam to the Irawadi, and return over the Patkoi Range, Major C. R. Macgregor, ix. 19

Indo-China—continued—

- Indian Empire—continued—**
- Assam. Exploration of Route between Assam and Upper Burma, x. 377
Assam. Direct Communication between Upper Assam and Northern Burma, xiv. 404
Himalaya, Mountain Systems of the, and Neighbouring Ranges of India. Lieut.-Col. H. H. Godwin-Austen, vi. 83
Himalaya, Travel and Ascents in, W. W. Graham, iv. 429
Himalaya. Mont Everest, Notes on: A last note on, Gen. J. T. Walker, viii. 88, 257
Himalaya. Mont Everest, Further Notes on, Douglas W. Freshfield, viii. 176
Himalaya. Our Present Knowledge of the Himalayas, Col. H. C. B. Tanner, xiii. 403
Himalaya. Karakoram Expedition, W. M. Conway, xiv. 753
Mahratta Empire, Geography of the Birth-place and Cradle of the, Sir R. Temple, iv. 457
Mardian Hills, and Lower Indravati in Bustar, Capt. T. H. Holdich, i. 372
Punjab, Rivers of the, Gen. R. MacLagan, vii. 705
Shaktu Valley, Waziristan, Notes on the, Capt. G. F. Younq, iv. 537
Sikkim, Lake Region of, on the Frontier of Tibet, Sir Richard Temple, iii. 321
Sikkim, Exploration in, to the North-East of Kanchinjinga, xiv. 613
Southern India, Notes on the Physiography of, Col. B. R. Branfill, vii. 719
Southern India, the River Systems of, Lieut.-Gen. F. H. Randall, viii. 681
Sundarban, the, its Physical Features and Ruins, John Rudd Rainey, xiii. 273
- Indo-China—**
- Exploration Survey for a Railway connection between India, Siam, and China, Holt S. Hallett, viii. 1
Further India: River Names. Note on the Origin and Orthography of, S. E. Peal, xi. 90
- Burma, the Country and People, J. Annan Bryce, viii. 481
Burma. On the Ruby Mines near Mogok, Robert Gordon, x. 261
Burma. Explorations on the Chindwin River, J. D. W. P. J., xi. 197
Burma. Expeditions among the Kachin Tribes on the North-East Frontier of Upper Burma. Compiled by General J. T. Walker, xiv. 161
Irawadi River and its Sources, Major J. E. Sandeman, iv. 257
Irawadi River, Robert Gordon, vii. 292
Malayan Peninsula, Surveys and Explorations in the Native States of, 1875-82, D. D. Daly, iv. 393
Malay Peninsula. Expedition to the
- Tahan District, Pahang, H. N. Ridley, xiv. 533
Shan States. Journey through the Trans-Salwin Shan States to Tong-King, Lord Lamington, xiii. 701
Siam, J. McCarthy, x. 117
Tung-King, the Hill Slopes of, J. George Scott, viii. 217
- Malay Archipelago—**
- Borneo, the New Maharajahate of Sabak, P. L. Selater, i. 121
Borneo. Sarawak and Northern Borneo, Notes on, William M. Crocker, iii. 193
Borneo, North-Eastern, and the Sulit Islands, Notes on, W. B. Pryer, v. 90
Borneo, British North, Explorations in 1883-87, D. D. Daly, x. 1
Borneo, Summary of Explorations in, Adm. R. C. Mayne, x. 134
Key, or Ké, Islands, Capt. G. Langen, x. 764
Krakatau, Volcanic Eruption of, vi. 142
Sumatra, Dutch Expedition to Central, Prof. V. J. Veth, i. 759
Tenimber Islands, or Timor-Laut, Three Months' Exploration in, H. O. Forbes, vi. 113
- China—**
- Across China, from Chin-Kiang to Bhamo, 1877, J. McCarthy, i. 489
Journeys in the Interior of, G. J. Morrison, ii. 145
China in some of its Physical and Social Aspects, E. Colborne Baber, v. 441
From Hai-phong in Tong-king to Canton, Overland, A. R. Agassiz, xiii. 249
- Imperial Mausolea, East of Peking, Notes of a Journey to, F. S. A. Bourne, v. 23
North-Western China and Eastern Tibet, Potanin's Journey in, ix. 233
South China Borderlands, Exploration through, from the Mouth of the Si-kiaug to the Irawadi, A. R. Colquhoun, iv. 713
South-West China, Journey in, from Su-chuan to Western Yunnan, Alex. Hosie, viii. 371
- Tibet, Mongolia, Chinese Turkistan—**
- Dr. Regel's Expedition from Kuldja to Turfan in 1879-80, E. Delmar Morgan, iii. 340
Letters from Col. Prejevalsky, vii. 167, 807, viii. 28
Mr. A. D. Carey's Travels in Turkistan and Tibet, ix. 175
Prejevalsky's Journeys and Discoveries in Central Asia, E. Delmar Morgan, ix. 213
Journey Round Chinese Turkistan and along the Northern Frontier of Tibet, A. D. Carey, ix. 731
Journey Across Central Asia, from Manchuria and Peking to Kashgair, over

GENERAL INDEX OF THE PROCEEDINGS OF

Tibet, Mongolia, Chinese Turkistan—*continued*—

the Mustagh Pass, Lieut. F. E. Young-husband, x. 485

Progress of the Russian Expedition to Central Asia under Colonel Pevtsof, xii. 19, 161

The Great Central Asian Trade Route from Peking to Kashgaria, Col. Mark S. Bell, xii. 57

The Russian Expedition to Central Asia under Colonel Pevtsof, translated from the Russian by E. Delmar Morgan, xiii. 99

Expedition of the Brothers Grijmailo to the Tian Shan Oases and Lob-Nor, translated, with Notes and Introductory Remarks, by E. Delmar Morgan, xiii. 208

Chinese Turkistan, Notes on M. Dautvergne's Travels in, General J. T. Walker, xiv. 779

Kuldja, Major F. C. H. Clarke, ii. 489

Kuldja, Journey through Semirétchia to, in 1880, E. Delmar Morgan, iii. 150

Mongolia, N.W., Pevtsof's Expedition in, E. Delmar Morgan, i. 701

Tibet, Western, Explorations in, by the Trans-Himalayan Expedition, i. 701

Tibet, Eastern, Explorations in, by the Trans-Himalayan Expedition, i. 701

Tibet, Central, Explorations in, by the Trans-Himalayan Expedition, i. 701

Tibet. The Lu River: is it the Source of the Irawadi or the Salwin? Gen. J. T. Walker, ix. 332

Tibet and Nepal, work of the native explorer M—H in, in 1885–86, x. 89

Tibet, South-Eastern, the Hydrography of, Gen. J. T. Walker, x. 577

Tibet. Mr. Rockhill's attempt to reach Lhasa, xi. 730

Tibet. Two Journeys to Ta-t sien-lu on the Eastern Borders of Tibet, A. E. Pratt, xiii. 329

Tibet. Mr. Rockhill's travels in North-East Tibet, xiv. 777

Manchuria, Journey in, to the Pei-Shan Mountains and the Sources of the Sungari (H. E. James, etc.), viii. 779, ix. 235, 531

Korea—

Visit to, in October, 1882, J. C. Hall, v. 274

Recent Journeys in, W. R. Carles, viii. 289

A Journey Through North Korea to the Ch'ang-Pai Shan, Charles W. Campbell, xiv. 140

Japan and Formosa—

The Physical Geography of Japan, with Remarks on the People, Dr. E. Naumann, ix. 86

Formosa, Southern part of. Notes of an Overland Journey Through, in 1875,

Japan and Formosa—*continued*—

with Introductory Sketch of the Island, M. Benzeley, vii. 1

Formosa, Characteristic Traits of the Island and its Aboriginal Inhabitants, George Taylor, xi. 224

INDIAN OCEAN.

Chagos Group: Island of Diego Garcia, Gilbert C. Bourne, viii. 385

Christmas Island, Account of, Capt. W. J. L. Wharton, x. 613

Cocos Keeling Island, Notes on, H. O. Forbes, i. 777

The Keeling Islands, viii. 263

Red Sea and Cape Gardafui, Meteorology of, Gen. R. Strachey, x. 704

AFRICA.

General—

African Overland Telegraph, i. 264

Journey to Victoria Nyanza and Back *via* the Nile, R. W. Felkin, ii. 357

African Exploration Fund, Final Report of the Executive Committee of, iii. 38

Territorial Partition of the Coast of Africa, Sir Rawson Rawson, vi. 615

The Partition of Africa, J. S. Keltie, xii. 655

African Boundaries, and the Application of Indian Systems of Geographical Survey to Africa, Lieut.-Col. T. H. Holdich, xiii. 596

North Africa.—[For Egypt see next heading.]

Algeria. Journey in the Atlas and Northern Part of the Algerian Sahara, Valentin de Gorloff, iv. 358

Morocco, Southern, and the Atlas Mountains, Journey to, Joseph Thomson, xi. 1

Morocco. Visit to Sheshouan, W. B. Harris, xi. 18

Morocco, North-West, the Local Distribution of the Tribes Inhabiting the Mountains of, W. B. Harris, xi. 487

Morocco. Some Further Notes on North Morocco, Walter B. Harris, xiii. 164

Tunisia in 1885, viii. 522

North-East Africa—

Egypt, Eastern Desert of. Notes on a Sketch-map of Two Routes in, E. A. Floyer, ix. 659

Egypt, Wind Action in, W. M. Flinders Petrie, xi. 646

Egypt. The Raian Moeris; or Storage Reservoir of Middle Egypt, Cope Whitehouse, ix. 608

Egypt. The Feasibility of the Raian Project, Col. Ardagh, ix. 613

Egypt. The Desert from Dahshur to Ain Raian, Capt. C. Surtees, ix. 613

Egypt. The Bahr Jusuf, its Present State and Uses, Capt. R. H. Brown, ix. 614

North-East Africa—continued—

- Nilometers, Col. J. C. Ardagh, xi. 28
 Nubian Desert, Route March, with Camels, from Berber to Korosko in 1863, Lieut.-Col. J. A. Grant, vi. 326
 Red Sea, European Territorial Claims on the Coasts of, and its Southern Approaches, in 1885, Sir Rawson W. Rawson, vii. 93
 Red Sea Petroleum Deposits, Col. Ardagh, viii. 502
 Somali Country, South, M. Révoil's Journey into, v. 717
 Somal and Galla Lands: embodying information collected by the Rev. T. Wakefield, E. G. Ravenstein, vi. 255
 Somaliland. Journey through, to the Webbe Sueboyli, F. L. James, vii. 625
 Somaliland. A Journey through Part of, between Zeila and Bulhar, Lieut. Charles G. Nurse, xiii. 657
 Somaliland. The Beni Amer Country, xiv. 546

East Africa—

- Native routes in East Africa, from Dar-es-Salaam towards Lake Nyasa, Keith Johnston, i. 417
 East African Expedition, the R. G. S.'s. Route from Dar-es-Salaam to Uhehe, J. Thomson, ii. 102
 Journey from Lake Nyasa to Lake Tanganyika, J. Thomson, ii. 209
 Journey along Western Side of Lake Tanganyika, J. Thomson, ii. 306
 Journey of the, J. Thomson, ii. 721
 Journey from Kagei to Tabora and back, Rev. C. T. Wilson, ii. 616
 Elephant Experiment in Africa: a Brief Account of the Belgian Expedition on the March from Dar-es-Salaam to Mpwapwa, L. K. Rankin, iv. 273
 Expedition to Victoria Nyanza, Report on, J. Thomson, v. 544
 Journey through the Masai Country, to the Victoria Nyanza, Joseph Thomson, vi. 690
 Journey from Mozambique to Lakes Shirwa and Amaramba, H. E. O'Neill, vi. 632, 713
 Central Africa, Lieut. Giraud's Explorations in the Lake Region of, vii. 332, 603
 Eastern Africa, between the Zambesi and Rovuma rivers, H. E. O'Neill, vii. 430
 Journey from Quillimane to Blantyre, H. E. O'Neill, vii. 646
 Journey from Blantyre to Quillimane, D. J. Rankin, vii. 655
 The late Dr. G. A. Fischer's Expedition for the Relief of Dr. Junker, ix. 45
 Recent Changes in the Map of East Africa, ix. 490
 A Recent Journey through the Country lying between the Shire and Loungwa Rivers, Alfred Sharpe, xii. 150

East Africa—continued—

- Mr. J. T. Last's Map of Eastern Africa, between Rovuma and the Zambezi, xii. 223
 Mr. H. H. Johnston's Journey North of Lake Nyasa and visit to Lake Leopold, xii. 225
 A Journey from Lake Nyasa to the Great Loangwa and Upper Zambezi Rivers, Alfred Sharpe, xii. 744
 Notes on the Country lying between Lakes Nyasa and Tanganyika, David Kerr Cross, xiii. 86
 Messrs. Jackson and Gedge's Journey to Uganda via Masailand, E. G. Ravenstein, xiii. 193
 Ptolemy's Topography of Eastern Equatorial Africa, Henry Sehlichter, xiii. 513
 Travels from the East Coast to Uganda, Lake Albert Edward, and Lake Albert, Capt. F. D. Lugard, xiv. 817
- Angoniland, Journey from Blantyre to, and Back, J. T. Last, ix. 177
 British Central Africa, H. H. Johnston, xii. 713
 Cape Delgado Bay, Journey in the District West of, H. E. O'Neill, v. 393
 Delagoa Bay, Journeys in the District of, 1886-87, H. E. O'Neill, ix. 497
 Galla Country, Southern, Rev. Thos. Wakefield's Fourth Journey to, in 1877, iv. 368
 Kenia, Mount, iv. 747
 Kilima-njaro Expedition, the, H. H. Johnston, vii. 137
 Kilima-njaro, Ascent to the Summit of, Dr. Hans Meyer, xii. 381
 Makua Land, between the Rivers Rovuma and Luli, Rev. C. Maples, iv. 179
 Makua and Lomwe Countries. Three Months' Journey in, H. E. O'Neill, iv. 193
 Masailand. Native Routes in East Africa, from Pangani to the Masai Country and the Victoria Nyanza, Ven. J. P. Farler, iv. 730
 Masailand, Native Routes through, from information obtained by the Rev. T. Wakefield, iv. 742
 Masailand. Visit to the Masai People on the Borders of the Nguru Country, J. T. Last, v. 517
 Masailand. Dr. Fischer's Journey in, vi. 76
 Mozambique, Coast Lands and some Rivers and Ports of, H. E. O'Neill, iv. 595
 Mozambique Coast, Northern, Remarks upon Nakala (Fernão Veloso Bay) and other Ports on the, H. E. O'Neill, vii. 373
 Namuli Hills. Journey of Mr. J. T. Last from Blantyre to the, ix. 42
 Namuli Hills. On the Society's Expedition to, J. T. Last, ix. 467

x
GENERAL INDEX OF THE PROCEEDINGS OF

East Africa—continued—

- Ndara and Kasigao Mounts, Journey from Mombasa to, Commander C. E. Gissing, vi. 551
- Nguru Country, Journey to, from Mamboia, J. T. Last, iv. 148
- Nyasa, Lake, Second Circumnavigation of, Dr. James Stewart, i. 289
- Nyasa, Lake, Journey along West Side of, in 1878, Rev. Dr. Laws, i. 305
- Nyasa, Lake, Observations on the West Side of, and on the Country between Nyasa and Tanganyika, J. Stewart, ii. 428
- Nyasa, Lake, Survey of the Eastern Coast of, and latest news of the "Lake Junction Road," James Stewart, C.E., v. 689
- Nyasa, Lake, Seven Years' Travel in the Region East of, Rev. W. P. Johnson, vi. 512
- Nyasaland, Notes of a Journey from Domasi Mission Station, Mt. Zomba, to Lake Namaramba, 1887, Rev. A. Hetherwick, x. 25
- Nyusaland, Journey Along the Southern Frontier of, John Buchanan, x.ii. 265
- Rovuma. Masasi and the Rovuma District, Rev. C. Maples, ii. 337
- Rovuma River, Notes on the Basin of the, Joseph Thomson, iv. 65
- Rufiji River, Exploration of, under the auspices of the Sultan of Zanzibar, Wm. Beardall, iii. 641
- Tana River. A Recent Exploration, under Capt. F. G. Dundas, R.N., up the river Tana to Mount Kenia, Ernest Gedde, xiv. 513
- Tanganyika, Lake, E. C. Hore, iv. 1, xi. 581
- Uganda and the Victoria Lake, Rev. C. T. Wilson, ii. 353
- Ugogo, Northern, Notes of a Journey through, in 1879, E. J. Southon, iii. 547
- Usambara Country in East Africa, Rev. J. P. Farler, i. 81
- Usambara. Notes of a trip from Zanzibar to, Feb.-March, 1879, Keith Johnston, i. 545
- Usambara. Notes on the Geology of, Joseph Thomson, i. 558
- Victoria Nyanza, Boat Voyage along the Western Shore of the, and Exploration of the Nullah, A. M. Mackay, vi. 278
- Wa-itumba Iron-workers and the Mangaheri, near Mamboia, visit to, J. T. Last, v. 581
- Yao Country, Rev. W. P. Johnson's Journeys in, and Discovery of the Sources of the Tana, iv. 480
- Zambesi River, Journey of Paiva de Andrada, vi. 417
- Capt. P. de Andrada's Journey to Maxinga and M., vi. 417

East Africa—continued—

- Zambesi. Recent Portuguese Explorations in the Zambesi Region, viii. 507
- Zambesi. The Chinde River and Zambesi Delta, Daniel J. Rankin, xii. 136
- South Africa—**
- Major Serpa Pinto's Journey Across Africa, i. 481
- Journey through Central South Africa, from the Diamond Fields to the Upper Zambesi, Dr. E. Holub, ii. 166
- Temperate South Africa, Right Hon. Sir B. Frere, Bart., iii. 1
- Journeys in the Interior of South Central Africa, F. C. Selous, iii. 169
- Notes on the Geography of South Central Africa, in explanation of a New Map of the Region, A. A. Anderson, vi. 19
- Journey from Cape Town Overland to Lake Nyasa, W. Moutagu Kerr, viii. 65
- Bamangwato Country, Capt. R. R. Patterson, i. 240
- Basutoland, Unexplored, Lieut.-Col. Sir Marshall Clarke, x. 519
- Chobe River, Dr. B. F. Bradshaw, iii. 208
- Gazaland, A Journey through, Dennis Doyle, xiii. 588
- Kafukwe River, Journeys to the, and on the Upper Zambesi, letters from F. C. Selous, xi. 216
- Kalahari, Journey in the, G. A. Farini, viii. 437
- Mashonaland, Recent Explorations in, F. C. Selous, iii. 352
- Mashonaland, Further Explorations in, F. C. Selous, v. 268
- Mashonaland, A Recent Journey in Eastern, F. C. Selous, xii. 146
- Mashonaland, Notes of a Journey through, in 1889, the Right Rev. G. W. H. Knight Bruce, xii. 346
- Mashonaland, The ruins of, J. Theodore Bent, xiv. 273
- Mashonaland, The Geography and Meteorology of, R. M. W. Swan, xiv. 299
- Ma-bonaland, List of Stations in, R. M. W. Swan, xiv. 303
- Matabelland, Capt. R. R. Patterson, i. 509
- Matabeleland, Mr. F. C. Selous's Further Explorations in, x. 293
- Matabele and Masbona Lands, E. A. Maund, xiii. 1
- Note on the Map of Matabeleland and Mashonaland, Manica and Gazaland, E. A. Maund, xiii. 114
- Sabi River, Delta and Lower course of the, according to the Survey of Capt. T. L. Phipson-Wybrants, v. 271
- Transvaal. The Kaap Goldfields, F. Jeppe, x. 438
- Zambezia, the New British Possession in Central South Africa, E. A. Maund, xiii. 649

South Africa—continued—

- Zimbabwe, the Orientation of the Buildings at, R. M. W. Swan, xiv. 306
 Zululand, Books and Memoirs on, E. C. Rye, i. 201
 Zululand, Maps of, W. J. Turner, i. 205
 Zululand, Notes on the Physical Geography of, and its Borders, Rev. George Blencowe, i. 324

West Equatorial Africa—

- Major Serpa Pinto's Journey Across Africa, i. 481
 Work of the German African Association in West Equatorial Africa, iv. 678
 On the influence of Arab Traders in West Central Africa, Lieut. H. Wissmann, x. 525
 Journey from Natal to Bihé and Benguela, and thence across the Central Plateau of Africa to the Sources of the Zambesi and Congo, F. S. Arnot, xi. 65

Bakuba Country, Silva Porto's Journey from Bihé to, ix. 753

Congo, Brief Account of Recent Journeys in the Interior of, Rev. T. J. Comber, iii. 20

Congo. Journey of Messrs Crudginton and Bentley to Stanley Pool, iii. 553

Congo, Visit to Mr. Stanley's Stations on the, H. H. Johnston, v. 569

Congo. The Congo River, from its Mouth to Bolobo, with Notes on the Physical Geography, Resources, etc., of the Congo Basin, H. H. Johnston, v. 692

Congo. Boat Journey Round Stanley Pool, Rev. T. J. Comber, vi. 71

Congo, My Recent Visit to, Major-Gen. Sir F. J. Goldsmid, vi. 177

Congo, Lower, Notes on, from its Mouth to Stanley Pool, E. Delmar Morgan, vi. 183

Congo, Free State of the, E. Delmar Morgan, vii. 223

Congo, Explorations on the, and Bochini, Revs. George Grenfell and T. J. Comber, vii. 353

Congo Free State, the, Col. Sir Francis de Winton, viii. 609

Congo, Tributaries of the, between the Congo and Stanley Falls, Rev. T. J. Comber, viii. 627

Congo. The Last German Congo Expedition, 1884-86, viii. 634

Congo and the Ngala and Aruwimi Tributaries, J. R. Werner, xi. 342

Cunene River, Journey from Mossamedes to, Earl of Mayo, v. 458

Kwilu-Niadi Valley, Capt. Elliott's Expedition to the, vi. 656

Ogowe-Congo Region, Recent French Explorations in, Major R. de Lanoy de Bissy, viii. 770

W. P. M. River, Explorations on, xi. 325

Central Africa—

Wissmann's Journey Across, v. 16

Herr Reichard's Explorations in the Lake Region of, vii. 603

Between the Nile and the Congo: Dr. Junker and the (Welle) Makua, J. T. Wills, ix. 285

Explorations in, Dr. W. Junker, ix. 399

Letter from Mr. H. M. Stanley, on his Journey from Yambuya Camp to the Albert Nyanza, xi. 261

Ditto, from the Albert Nyanza to the Southern Side of the Victoria Nyanza, xi. 720

G. P. T. P. the Emin Pasha, H. M. Stanley, xii. 313

Mr. Alfred Sharpe's Journey from Karonga (Nyasa) to Katanga (Msidi's Country), via the Northern Shore of Lake Mwero, xiii. 423

Emin Pasha's Expedition to Lake Albert Edward and Lake Albert, xiv. 540

Bahr-el-Ghazal Region, Mr. F. Lupton's (Lupton Bey's) Geographical Observations in the, vi. 245

Garenganze, a Journey to, Alfred Sharpe, xiv. 36

Nile, Upper, Geographical Co-ordinates in the Valley of the, E. G. Ravenstein, xi. 641

Nyam Nyam Country. Dr. Junker's Journey in the, iii. 301

Ruvenzori, Lieut. Stairs' Ascent of, xi. 726

West Africa. [See also West Equatorial.]

Notes of a Journey from Lagos up the Niger to Bida and Illorin, 1879-80, Rev. J. Milum, iii. 26

The Bantu Borderland in, H. H. Johnston, x. 633

Ashanti, Journey into the Interior of, Capt. Brandon Kirby, vi. 447

Benin, a Journey in, His Excellency Gilbert T. Carter, xiv. 457

Binue River, Ascent of, in August, 1879, with Remarks on the Systems of the Binue and Shari, E. Hutchinson, ii. 289

Binue, Exploration of, and its Northern Tributary, the Kebbi, Major Claude M. Macdonald, xiii. 449

Bijouga or Bissagos Islands, E. Stallibrass, xi. 595

Cameroons, Mount. Explorations Inland from, and Journey through Congo, Rev. T. J. Comber, i. 225

Cameroons District, G. Grenfell, iv. 585

Cross River, Journey up, H. H. Johnston, x. 435

Gold Coast: Volta Basin, Explorations in, by Missionaries of the Basel Missionary Society, viii. 216

Kong Mountains, Capt. R. F. Burton, iv. 484

West Africa—continued—

- Niger Delta, H. H. Johnston, x. 749
 Sierra Leone and the Interior, to the Upper Waters of the Niger, G. H. Garrett, xiv. 433
 Togo-land, the German Protectorate on the Slave Coast, vii. 377
 Yoruba Country, Notes on, and the Colony and Protectorate of Lagos, Sir Alfred Moloney, xii. 596
 Yoruba Country, Alvan Millson, xiii. 577

Madagascar—

- History and Present Condition of our Geographical Knowledge of Madagascar, Rev. J. Sibree, jun., i. 646
 Notes on a Botanical Trip in Madagascar, G. F. Scott Elliot, xiii. 158

Antanambalana River, the, L. H. Ramsome, xi. 295

Imerina, the Central Province of Madagascar, and the Capital, Antananarivo, Rev. James Sibree, xiv. 737

South Central Madagascar, Geographical Excursions in, Rev. W. Deans Cowan, iv. 521

Tritriva, the Volcanic Lake of, Central Madagascar, Rev. James Sibree, jun., xiii. 477

Western Madagascar, Rev. E. O. Macmahon's journeys in, xiv. 463

AMERICA.

Columbus, and the Fourth Centenary of his Discovery, C. R. Markham, xiv. 585

NORTH AMERICA.**Alaska—**

- Sledge Journey in the Delta of the Yukon, E. W. Nelson, iv. 660
 The Alpine Regions of, Lieut. H. W. Seton-Karr, ix. 269
 Visit to the Glaciers of, and Mount St. Elias, H. W. Topham, xi. 424
 Travels in, and North-West British Columbia, H. W. Seton-Karr, xiii. 65

British North America—

Northmen and Portuguese, Search in British North America for Lost Colonies of, R. G. Haliburton, vii. 25

Athabasca District, Rev. E. Petitot, v. 633

Hudson's Bay, on the Commercial Importance of, with Remarks on Recent Surveys, etc., R. Bell, M.D., iii. 577

Hudson's Bay and Hudson's Strait as a Navigable Channel, Commodore A. H. Markham, x. 549

Labrador, Journey in the Interior of, July to October, 1887, R. F. Holmes, x. 189

British North America—continued—

- Selkirk Range, Explorations in the Glacier Regions of, in 1888, Rev. W. S. Green, xi. 153
 Selkirk Range, The, North-West America, Harold W. Topham, xiii. 554

United States—

- The Mother Maps of the, xiv. 459
 California, the New Lake in, Jacques W. Redway, xiv. 309
 Mississippi, Discovery of the True Source of the, Capt. W. Glazier (U.S.), vii. 23
 Oregon, Exploration of, in 1878, by the Wheeler Survey, J. W. Goad, i. 694

Mexico—

Vera Cruz, the Aboriginal Races of the State of, A. Baker, ix. 568

CENTRAL AMERICA AND WEST INDIES.

British Honduras, Notes on a Part of the Western Frontier of, W. Miller, ix. 420

British Honduras. Expedition to the Cockscorn Mountains, J. Bellamy, xi. 542

British Honduras, Journey from, to Santa Cruz, Yucatan, William Miller, xi. 23

Copan, Exploration of the Ruins and Site of, A. P. Maudslay, viii. 568

Dominica, Recent Volcanic Eruption at the Grand Soufrière, ii. 363

Guatemala, Explorations in, and Examination of the Newly discovered Indian Ruins of Quirigua, Tikal, and the Usunucinta, A. P. Maudslay, v. 185

SOUTH AMERICA.**Brazil—**

Sketch of the Physical Geography of, James W. Wells, viii. 353

Fernando de Noronha, Island of, in 1887, Rev. T. S. Lea, x. 424

Rio Doce, Exploration of, and its Northern Tributaries, W. J. Stearns, x. 61

San Paulo Province, Journey in, July-September, 1885, R. F. Holmes, ix. 108

Tocantins River, Notes of a Visit to the Delta of, James W. Wells, viii. 513

Xingu Expedition of 1884, the German, viii. 517

British Guiana—

Journey in the Interior of, E. F. im Thurn, ii. 465

North-western District of, Everard F. im Thurn, xiv. 665

Roraima and Kukenam, Mounts, Exploration in the Neighbourhood of, Henry Whitely, vi. 452

Roraima. The Ascent of Mount Roraima, E. F. im Thurn, vii. 497

Roraima. Notes on a Journey to Mount Roraima, II. I. Perkins, vii. 522

Venezuela and Colombia—

Notes on the Central Provinces of Colombia, Robert Blake White, v. 249

Cordillera of Bogotá, xiv. 850

Goajira Peninsula, Explorations of, F. A. A. Simons, vii. 781

Sierra Nevada of Santa Marta, Notes on the Topography of, F. A. A. Simons, i. 689

Sierra Nevada and its Watershed, F. A. A. Simons, iii. 705

Ecuador, Peru, Bolivia, Chili—

Col. Labre's Explorations in the Region between the Beni and Madre de Dios Rivers and the Purus, xi. 496

Amaru-mayu and Beni, Basins of the, C. R. Markham, v. 313

Andes, Journey among the Great, of the Equator, iii. 449

Andes, Dr. Güssfeldt's Work in the, vi. 658

Beni River, Exploration of, 1880-81, Edwin R. Heath, M.D., v. 327

Bolivia, Eastern, and the Gran Chaco, J. B. Minchin, iii. 401

Bolivia, Andean Tableland of, Notes of a Journey through Part of, in 1882, John B. Minchin, iv. 671

Chili and Bolivia, Boundary Line between, i. 785

Galápagos Islands, Visit to, in 1880, Capt. A. H. Markham, ii. 742

Galapagos Islands, Discovery of the, Clements R. Markham, xiv. 314

Peru, Journey of Mr. George P. James from Chanchamayo to the Atlantic, ix. 505

Peru and Bolivia, Notes on a Recent Visit to, Major H. Leslie Ellis, xii. 227

Peru. A Recent Journey to the Head Waters of the Ucayali, Central Peru, Alexander Ross, xiv. 382

Argentina, Uruguay—

Gran Chaco and its Rivers, Capt. John Page, xi. 129

Patagonia, Central, Mr. Durnford's Explorations in, v. 84

Straits of Magellan. Visit to Skyring Water, R. W. Coppinger, ii. 552

Uruguay, Central, Journey to, Dr. D. Christison, ii. 663

AUSTRALASIA AND PACIFIC.**Australia—**

Expedition Across Australia, from South to North, between the Telegraph Line and the Queensland Boundary, 1885-86, D. Lindsay, xi. 650

Central Australia, C. Chapman, viii. 313

South Australia. Notes on the Expedition of Mr. C. Winnecke's Last Explorations in, vi. 566

Australia—continued—

West Australia. Explorations in the Region of the Upper Gascoyne and Ashburton Rivers, Ernest Favenc, xi. 492

New Zealand—

Alps, Southern, of, Recent Explorations in, Rev. W. S. Green, vi. 57

King Country, a Recent Exploration of, J. H. Kerry-Nicholls, vii. 201

New Guinea—

Notes on New Guinea and its Inhabitants, Lawes, ii. 602

A Summary of our Present Knowledge, Coutts Trotter, vi. 196

British New Guinea, Discovery of Two New Rivers in, Theodore F. Bevan, ix. 595

Further Explorations in the Regions bordering the Papuan Gulf, Th. F. Bevan, xi. 82

Some Notes on Recent Exploration in, Coutts Trotter, xiv. 788

Eastern and North-Eastern Coasts, Visits to the, Wilfrid Powell, v. 505

Fly River, L. M. D'Albertis, i. 4

Louisade and D'Entrecasteaux Islands, Narrative of an Exploring Expedition to the, Basil H. Thomson, xi. 525

North Coast, Recent Dutch Expeditions to, and Ascent of the River Amberno, vii. 172

Owen Stanley Range, Journey to the Summit of the, Sir William Macgregor, xii. 193

South-Eastern New Guinea, Recent Explorations in, Rev. W. G. Lawes, xi. 216

South-Eastern New Guinea, Explorations in, Rev. J. Chalmers, ix. 71

Pacific Islands—

Melanesia, Micronesia, and Western Polynesia, Cruises in, in 1882-84, and Visits to New Guinea and the Louisiades in 1884-85, Capt. Cyprian Bridge, R.N., viii. 545

New Britain and Neighbouring Islands, Observations on, Wilfred Powell, iii. 84

New Britain. The Islands of the New Britain Group, H. H. Romilly, ix. 1

New Hebrides, Notes on the Ascent of Ambrym Volcano, Lieut. C. W. de la Poer Beresford, R.N., vi. 129

Solomon Islands, Exploration of, C. M. Woodford, x. 351

Solomon Islands, Further Explorations in the, C. M. Woodford, xii. 393

Tonga Group. A Visit to the newly emerged Falcon Island, J. J. Lister, xii. 157

ARCTIC REGIONS.

Arctic Expeditions of 1878, C. R. Markham, i. 16

GENERAL INDEX OF THE PROCEEDINGS OF

Arctic Europe and Asia—

- The *Vega* in her Winter Quarters, Prof. Nordenskiöld on, i. 799, ii. 53
Jeanette Expedition, Measures for the Search and Relief of, C. R. Markham, iv. 28
 The Dutch Arctic Voyages (1878-81), and the probable position of Mr. Leigh Smith, Comm. Jansen, iv. 35
 Dutch Arctic Expedition, 1883, Departure of, v. 348

- Barents Sea, Arctic Campaign of 1879 in, Capt. A. H. Markham, ii. 1
 Franz Josef Land, Voyage of the *Eira* and Mr. Leigh Smith's Arctic Discoveries in 1880, C. R. Markham, iii. 129
 Franz Josef Land, Second Voyage of the *Eira* to, C. R. Markham, from Leigh Smith's Journals, v. 204
 Spitzbergen and Barents Seas, Ice in, in 1882, v. 96

Arctic America—

- U.S. Expedition to Lady Franklin Bay, iv. 171
 Greely Relief Expedition, vi. 221

- Greenland, Hydrographical Results of the Nordenskiöld Expedition to, 1883, Axel Hamberg, vi. 569
 Greenland, Journey Across the Inland Ice of, Dr. F. Nansen, xi. 469
 Greenland, Lieut. Peary's North Greenland Expedition, xiv. 697
 King William Land, Expedition of Lieut. F. Schwatka to, C. R. Markham, ii. 657

MATHEMATICAL AND PHYSICAL GEOGRAPHY.

- Bathy-hypsographical Maps, E. G. Ravenstein, viii. 21
 Geographical Evolution, Prof. A. Geikie, i. 422
 Glaciers, Note on the Conservative Action of, D. W. Freshfield, x. 779
 Glaciers. On Observations of Glacier Movements, M. de Déchy, xiv. 455
 Heights and Hollows of the Earth's Surface, Professor C. Lapworth, xiv. 688
 Meteorological Results of the *Challenger* Expedition in relation to Physical Geography, Alexander Buchan, xiii. 137

- Oceans. Danish Scientific Expedition of 1884 in the Gunboat *Fylla*, vii. 177
 Oceans. On Similarities in the Physical Geography of the Great Oceans, J. Y. Buchanan, viii. 753
 Oceanography at the British Association, xiv. 619
 Prairies. Why are the Prairies Treeless? Miller Christy, xiv. 78

GENERAL.

- Ancient Map, Discovery of, in Iceland, by Baron Nordenskiöld, remarks by R. H. Major, v. 473
 Bar-Subtense Survey, Col. H. C. B. Tanner, xiii. 675
 Colouring of Maps, Prof. Cayley, i. 259
 Exhibition of Appliances used in Geographical Education. Lectures and Discussions, viii. 116, 193
 Freeman, the late Professor E. A., and his Services to Geography, C. R. M., xiv. 401
 Geographical Congress in Paris, E. Deimar Morgan, xi. 552, 601
 Geographical Congress, Italian, of 1892, xiv. 785
 Geographical Education in Training Colleges and Elementary Schools, x. 297
 Geographical Professorships, i. 261
 Geography, the Place of, in Education, D. W. Freshfield, viii. 698
 Geography, On the Scope and Methods of, H. J. Mackinder, ix. 141
 Geography. Lectures on, delivered before the University of Cambridge, 1888, x. 146, 205, 275
 Instruction supplied in this Country in Practical Astronomy, Navigation, Barometrical Measurements, &c., &c., &c.
 Isochronic Passage Charts, Construction of, F. Galton, iii. 657
 Lands of the Globe still available for European Settlement, E. G. Ravenstein, xiii. 27
 Orthography, System of, for Native Names of Places, vii. 535
 Orthography of Native Geographical Names, Lieut.-Col. J. C. Dalton, xiv. 770
 Photography and Exploration, John Thomson, xiii. 669
 Russian Geographical Work in 1886, from Russian Sources, E. D. Morgan, ix. 423

II. INDEX TO THE MAPS IN THE PROCEEDINGS OF THE ROYAL GEOGRAPHICAL SOCIETY, 1879-92.

Note.—s.m. = sketch map.

EUROPE.**General—**

- Europe and India, trigonometrical survey of, vii. 683

Northern—

- English Channel, Part of, Bathymetrical, and Spring Tides, viii. 64
 Iceland and Great Geysir, iv. 192
 Iceland, Öræfa Jokull, xiv. 843, 845
 Norway and Lapland. Coasts of, ii. 336

Southern—

- Alps, Western, illustrating the Passage of Hannibal, viii. 680
- Caucasus, Adai Khoch Group, xi. 675, xiv. 140
- Caucasus, Central Group, x. 404
- Caucasus, Dychtau and Northern Glaciers, xii. 312
- Caucasus, Elbruz and Central, xi. 404
- Italy, Ptolemy's, Gastaldo's, and Catalan Maps of, xiii. 622

ASIA.

General—

- Ancient Sea Route between China and Western Asia, iv. 651

Turkey in Asia—

- Asia Minor and Gulf of Scanderûn, vi. 364
- Asia Minor, Cilicia Tracheia, Mr. Bent's Routes, xii. 508
- Bahrein Islands, Mr. Bent's Journey, xii. 56

Arabia—

- Mr. Doughty's Routes, vi. 428
- Jebel Shammar, ii. 144
- Northern and Central, ii. 144

Trans-Caucasia (see also Europe)—

- Valley of the Kur River, xiii. 288

Persia (see also next heading)—

- General map with Afghanistan and Baluchistan, xiv. 140
- Country between Teheran and Kom, showing New Lake, x. 676
- Central, Lieut. Vaughan's Routes, xii. 648
- Darya-i-Namak, Salt Plain (s.m.), xii. 576, xiii. 646
- Elburz Range, Col. Lovett's Survey, v. 120
- Karun River and Branches, xii. 576
- Khorasan, etc., iii. 576
- Luristan to Isfahan, Mr. Lynch's Route, xii. 576
- Mand, or Kara-Agatch, River, v. 713
- South-Western, Routes in, v. 184, xii. 511

Afghanistan, Russian Turkistan, Pamirs—

- Afghanistan, Eastern, i. 80
- Western, Helmund River, i. 224
- Afghan Boundary Commission. Preliminary Map of Routes, vii. 352
- Afghan and Persian Border, viii. 216
- Country between Sind and Candahar, ii. 592
- Darwaz, route map, iv. 413
- Darwaz and Karateghin, Kosiakof's Route, viii. 64
- Hari-rud and Murghab Rivers, Country between (s.m.), v. 56
- Hari-rud and Territory between Merv and Herat, vii. 624
- Hindu Kush and its Passes, i. 160
- Kafiristan, iii. 320

**Afghanistan, Russian Turkistan, Pamirs—
continued—**

- Pamirs, Russian Explorations in 1883, vi. 176
- Pamirs. Mr. Littledale's Route, xiv. 68
- Pamirs. Capt. Younghusband's Routes, xiv. 272
- Pamirs. M. Dauvergne's Routes, xiv. 816
- Pishin Valley and Upper Basin of the Lora, ii. 272
- Russian and Persian Boundary, iv. 214
- Russian Central Asia: Trans-Caspian Railway, xi. 324
- Tejend Oasis, and Routes to Merv, v. 56
- Turkoman Steppe and Khorassan, i. 224
- Verny District and Tsisk Kul, x. 639

India and Himalayas—

- Triangular Survey of, compared with the Indian Survey, vii. 685
- Andaman Islands, x. 612
- Bustar Dependency, i. 416
- Himalayas, Mountain System of, with sections, Godwin-Austen, vi. 112
- Kanchinjunga Region, xiv. 615
- Mustagh Range, Country between Yarkand River and, x. 548
- Mahratta Country (s.m.), iv. 520
- Sikkim, iii. 384
- Punjab, River of the, vii. 776
- South, River Systems of, viii. 752
- Sundarban and Adjacent Country, xiii. 274

Indo-China—

- Country between the Brahmaputra and Irawadi and Col. Woodthorpe's Route, ix. 68
- Burma, Siam, and Shan States, Mr. Hallett's Surveys, viii. 64
- Burma, with Parts of India, China, and Siam, viii. 544
- Burma. Ruby Mine District, x. 324
- Chindwin River, Col. Woodthorpe's Surveys, xi. 260
- Irawadi River, Sources of, iv. 328
- Irawadi Region, Lieut. Elliott's Routes, xiv. 204
- Irawadi and Sanpo, Gordon's Theory, vii. 352
- Irawadi and Sanpo, according to various authorities, vii. 352
- Malay Peninsula, Native States, iv. 456
- Perak, Northern, iv. 456
- Shan States, Northern, Lord Lamington's Route, xiii. 702
- Shan States. Route Survey from Muang Sing to Ban Na Sien, xiii. 703
- Siam and the Malay Peninsula, McCarthy, x. 188
- Tahan River, Part of (s.m.), xiv. 537
- Tong-king, Northern, with Song-Koi Delta, viii. 288
- Tong-king, Part of, and Southern China, xiii. 312

Eastern Archipelago (for New Guinea, see Oceania)—

- Borneo, North, iii. 256
- British North, x. 60

Eastern Archipelago—continued—

- Christmas Island (s.m.), x. 614
- Cocos or Keeling Islands, i. 816
- Ké or Key Islands, x. 812
- Krakatau Volcano, before and after Eruption, vi. 143
- Tenimber Islands or Timor Laut, vi. 176

China—

- Central and Southern, i. 544
- Eastern, ii. 208
- Southern, Mr. Colquhoun's Route, iv. 776
- South-Western, Mr. Hosie's Journeys, viii. 416

Tibet, Mongolia, Eastern Turkistan, etc.—

- Central Asia, Lieut. Younghusband's Journey, x. 548
- Central Asian Trade Routes, Peking to Kashguria, xii. 128
- Kuldja to Hami, M.M. Grijimailo's Route along the Tian Shan, xiii. 248
- Chinese Turkistan, Country between Yarkand River and Mustagh Range, x. 548

Kuldja District, and Russo-Chinese Frontier, ii. 528

- Tibet, Prejevalsky's Journeys, ix. 268
- Tibet. A—K—'s Journeys, vii. 136
- Tibet. Sanpo and Irawadi, Gordon and various authorities, vii. 352
- Tibet, South-Eastern, Lu River, ix. 398
- Tibet, South-Eastern, Hydrography of (four maps), x. 612
- Tibet, Northern, and Chinese Turkistan, Mr. Carey's Route, ix. 790
- Yarkand River, Tributaries of the, M. Dauvergne's Routes, xiv. 816

Manchuria—

- Mr. James's Route in, ix. 594

Korea—

- Illustrating Mr. Carles' Paper (s.m.), viii. 352
- Northern, Mr. Campbell's Route, xiv. 204

Japan and Formosa—

- Physical Map of Japan, with Sketch-map showing Dr. Naumann's Routes, ix. 140
- Formosa, South, vii. 64

AFRICA.**General—**

- Territorial Partition of the Coasts, vi. 686
- New Political Boundaries, xii. 712

North Africa—

- Morocco, N.W., showing Distribution of Tribes, xi. 524
- Morocco, S.W., illustrating Mr. J. Thomson's Journey, xi. 64

North East Africa—

- Beni Amer Country, Col. H. Smith's Routes, xiv. 549
- Egypt, Eastern Desert of, Mr. Floyer's Route, ix. 730
- Egypt from a Map by Cl. Ptolemy, xii. 684

North East Africa—continued—

- Egypt, Middle, from the Latest Survey, xii. 685
- Fayoum and Raian Basin, ix. 658
- Gulf of Suez, Mouth of, showing Petroleum Deposits, viii. 504
- Nubia and the Egyptian Sudan (s.m.), vi. 364
- Nubian Desert, Abu Hamed to Korosko, Route Map, vi. 364
- Raian Moeris, vii. 757
- Red Sea, European Claims on the Coasts of, vii. 136
- Somali Country, the Province Ogadayn, James's Routes in, vii. 704
- Somaliland. Lieut. Nurse's Route from Dunkaraita to Bulhar, xiii. 700
- Webi Shabeyia, Upper, Skotch of, vi. 261

East Africa—

- Mombasa to Kenia and the Victoria Nyanza, Mr. Thomsou's Routes, vi. 400 (s.m.), 758
- Country between the Rovuma and Zambesi, O'Neill, vii. 496; Mr. Last's Routes, xii. 256
- Political Boundaries, ix. 530
- Blantyre to the Loangwa, Sharpe's Route, xii. 151
- Lake Nyasa to the Loangwa and Upper Zambesi, xii. 776
- Mr. Jackson's Expedition to Uganda, xiii. 248
- Ptolemaic and Modern Maps, xiii. 576
- Central Africa's Ports in Ibea, xiv. 884
- Aden to Last's Routes, x. 612

Dar-es-Salaam Routes, i. 480

- Dar-es-Salaam to Lake Nyasa, ii. 144
- Jordan's Nullah, Mackay, vi. 278
- Kagdi, Route from, to Tabora, ii. 656
- Kilimanjaro, H. H. Johnston, vii. 200
- Kilimanjaro. Dr. Meyer's Journey, xii. 372

Makua Country, Route and General Maps, iv. 256

- Masai Country, iv. 776
- Masailand. Mr. Last's and Dr. Baxter's Journeys, v. 568

Mavia Country, v. 440**Maxinga and the Mazoe, Andrada's Routes, iv. 418****Mombasa to Mamboia, Rev. J. Blackburn's Route, x. 90**

- Mozambique Coast, iv. 648
- Mozambique to Lake Kilwa, O'Neill's Routes, v. 785

Nakala and Kisima Julu Ports (s.m.), vii. 416**Namuli Peaks, vi. 728****Nguru District (s.m.), iv. 192****Nyasa Lake, i. 352, v. 752****Nyasa, North end, iii. 320****Nyasa, Region East of, Johnson, vi. 550****Nyasa, Western Side of, ii. 464****Nyasa and Tanganyika, Route between, Thomson, ii. 464****Nyasa-Tanganyika Plateau, xii. 776**

East Africa—continued—

- Ribe to Malindi, Wakefield's Route, iv. 370
 Rovuma River, iv. 128
 Rufiji River, iii. 704
 Lake Shirwa and Neighbourhood, x. 60
 Sigirso, Lakes of, Wakefield, iv. 370
 Tana, Upper (s.m.), xii. 192
 Tana to Mount Kenia, Capt. Dundas's Expedition, xiv. 584
 Teita and Adjoining Districts, Capt. Gissing's Route, vi. 614
 Ugogo, Northern, iii. 547
 Usambara, Southern, i. 83. 616
 Victoria Nyanza, Dr. Baumann's Journey on the, xiv. 635
 Yao Country, iv. 520
 Zambesi, Mouths of the, xii. 192
- South, South Central, Africa—**
 General Maps, i. 544, iii. 64
 Central Portion, ii. 400
 Interior of, Anderson, vi. 56
 Bamangwato Country, i. 288
 Basutoland, x. 548
 Bechuanaland Protectorate, vii. 457
 Chobe River (s.m.), iii. 256
 Delagoa Bay and Adjoining Country, ix. 498
 Gazaland, Mr. Doyle's Route, xiii. 644
 Kaap Goldfields, Transvaal, x. 484
 Kalahari Desert, Farini's Routes, viii. 486
 Matebele and Mashona Lands, iii. 353, xiii. 64
 Routes between the Umfule and the Zambesi (s.m.), v. 269
 Matabele and Mashona Lands, Mr. Selous's Routes in, x. 324
 Mashonaland, Mr. Bent's Routes, xiv. 352
 Mashonaland and Country from Tete to Lake Nyasa, Mr. Kerr's Route, viii. 136
 Mashonaland. Route between Inyati and the Zambesi, Bp. of Bloemfontein, xii. 372
 Mashonaland, Environs of Gubuluwayo, xii. 712
 Mashonaland, Eastern, Mr. Selous's Routes, xii. 192
 Okavango River (s.m.), iii. 44
 Sabi River, Delta, and Lower Course, v. 272
 Sabi, Watershed between Tributaries of Zambesi and, Selous, vi. 284
 Zambesi Region, Central, iii. 192
 Zambesia, Sena to Manica, iv. 373
 Zambesi to the Mazoe, Audrada's Route, iv. 418
 Zambesia, Tete to Makanga, viii. 508
 Zambesi to the Pungwe, viii. 508
 Zambesia. Mr. Selous's Routes, xi. 260
 Zambesi, Upper, Rev. F. Schindler's Route (s.m.), xiv. 632
- West Central Africa (Lower Guinea, Congo, etc.)—**
 Buchner's and Pogge's Routes, iv. 679
 Physical Map of S.W. Africa, v. 752
 Silva Porto's Route, ix. 790

West Central Africa (Lower Guinea, Congo, etc.)—continued.

- Arnot's Routes from Benguella to Garenzanze, xi. 128
 Congo Free State (s.m.), vii. 272
 Congo River, from its Mouth to Bolobo, v. 632
 Congo, from Stanley Pool to Bangala, vii. 416
 Congo, with Charts of its Tributaries, viii. 680
 Congo Region, Central, with Inset of Congo Rapids, xi. 404
 Ogowe, Congo, and Knilu Rivers, Stations on the, vi. 686
 Ogowe-Congo Region, viii. 770
 St. Salvador (Congo), Explorations in Neighbourhood of, iii. 64
 Stanley Pool (s.m.), vi. 72
 Southern Part of Portuguese Possessions, Lord Mayo's Route, v. 504
- Central Africa—**
 Junker's Journeys between the Nile and the Congo, ix. 466
 Sketch illustrating Mr. Wills's Paper, ix. 330
 Route of the Emin Relief Expedition, xii. 372
 Albert Nyanza, etc., Emin and Stuhlmann's Routes near, xiv. 542
 Aruwimi River, Mr. Stanley's Route (s.m.), xi. 262
 Bahr Ghazal Territory, Lupton's Routes in, vi. 304
 Bangweolo, Luapula, and Lualaba, vii. 604
 Gondokoro, Environs of, Capt. Watson (s.m.), xi. 645
 Karonga to Katanga, Sharpe's Route, xiii. 425
 Kassai to Nyangwe, Pogge and Wissmann's Route, v. 184
 North of the Equator, ii. 336
 Nyam Nyam Country (s.m.), iii. 301
 Tanganyika Lake, iv. 64
 Tanganyika. Southern Part, iv. 64
 Tanganyika Basin, xi. 640
 Tanganyika to Garenzanze, Sharpe's Route, xiv. 68
- West Africa (Senegambia, Upper Guinea, Niger, etc.)—**
 Ashanti, vi. 488
 Binue River, Upper, ii. 326
 Cameroons, Mount, i. 288
 Cameroons District, iv. 648
 Cameroons, showing the Bantu Borderland in W. Africa, x. 676
 Cross River (s.m.), x. 436
 Kebbi River (s.m.), xiii. 612
 Niger Delta, x. 812
 Niger and Binue Rivers (s.m.), xiii. 512
 Sierra Leone, illustrating Mr. Garrett's Paper, xiv. 512
 Togoland, vii. 377
 Volta, Basin of the, viii. 288
 Yoruba Country, illustrating Mr. Millson's Paper, xiii. 644

Madagascar—

- General, i. 688
 Antanambalana River, xi. 324
 Imérina, the Central Province, xiv. 816
 South-East Provinces, Deans Cowan, iv. 584

African Seas—

- Meteorological Charts of the Red Sea and off Cape Gardafui, x. 748

AMERICA.

- Cantino Map, published 1513, xiv. 605
 Juan de la Cosa's Map, xiv. 601

NORTH AMERICA.**General—**

- Colonies of Northmen and Portuguese, vii. 26

Greenland. See Arctic.**Alaska—**

- Chilcat Country, etc., xiii. 136
 Mount St. Elias, etc., Lieut. Seton Karr's Journey to, ix. 330
 Mount St. Elias and Vicinity, xiii. 468
 Northern Delta of the Yukon, etc., iv. 712
 North-West, Lieut. Ray's Explorations in, vi. 678

British Possessions—

- Athabasca District, v. 688
 British Columbia, Part of, xiii. 136
 Hudson's Bay and Part of Canada, iii. 640
 Hudson's Bay and Hudson's Straits, x. 612
 Labrador, Peninsula of, x. 260
 Selkirk Range, British Columbia, xi. 196, xiii. 576

United States—

- Mississippi, Source of the, vii. 24
 Salton Lake, California, xiv. 312

Central America and West Indies—

- British Honduras (s.m.) and Part of Western Frontier, ix. 421
 Cockscomb Mountains, xi. 543
 Guanahani (San Salvador) and Watling Island, xiv. 593
 Guatemala, v. 248
 Watling Island to Cuba, Columbus's Route, xiv. 595
 Yucatan, Route from Bacalar to Santa Cruz, Miller, xi. 24

SOUTH AMERICA.**General—**

- Part of South America, iii. 448

Brazil—

- Physical Map, viii. 136
 Fernando de Noronha, x. 484
 Rio Doce and Tributaries, x. 116
 Madeira, Purus, and Beni Rivers, xi. 524

British Guiana, ii. 588—

- North-West District, xiv. 673
 Part of, vi. 488
 Roraima and Neighbourhood, vii. 560

British Guiana—continued—

- Roraima, Mr. Im Thurn's Route to, vii. 560
 Tribes, Distribution of, xiv. 683
 United States, Columbia, and Venezuela—
 Central and Western Provinces of Columbia, v. 312
 Goajira Peninsula, vii. 840
 Magdalena, Northern Part of State of, i. 752
 Sierra Nevada of Santa Marta, iii. 768
 Ecuador, Peru, and Bolivia—
 Atacama, District of, i. 816
 Beni River, v. 376
 Bolivia, Eastern, iii. 448
 Bolivia, Tableland of, iv. 712
 Ecuador, Mr. Whymper's Routes in (s.m.), iii. 512
 Madeira, Purus, and Beni Rivers, and Inset of Bolivia, Col. Labre's Routes, xi. 524
 Peru, Mr. Ross's Routes in Central, xiv. 432
 Uruguay, Argentina—
 Gran Chaco, xi. 130
 Patagonia, E. Central, v. 85
 Uruguay, ii. 720

OCEANIA.**Australia—**

- Part of Central, surveyed by Mr. Winnecke, vi. 614
 South, Mr. Lindsay's Explorations in, xi. 704

New Zealand—

- South Island and Great Tasman Glacier, vi. 112
 King Country, vii. 272
 Tararua District, viii. 808

New Guinea and Neighbouring Islands—

- General Map, and Part of South Coast, vi. 244
 Fly River, i. 80
 Jubilee and Philp Rivers, ix. 658
 Louisiade and D'Entrecasteaux Islands, xi. 580
 South-Eastern, Rev. J. Chalmer's Explorations in, ix. 140
 South-Eastern, and Owen Stanley Range, xii. 256

Western Pacific—

- Capt. Bridge's Cruises in, viii. 608
 New Britain, N. E. Portion, iii. 128
 Solomon Islands, x. 404
 Solomon Islands, with North Coast of Guadalcanar, xii. 444

ARCTIC REGIONS.**Arctic Europe and Asia—**

- Coasts of, i. 80
 Barents and Kara Seas, ii. 80
 Barents Sea, Mr. Leigh Smith's Expedition of 1881-82, v. 248
 Franz-Josef Land, South Coast, iii. 192
 Greenland and Spitzbergen Seas, Ice-chart of, iii. 768

Arctic Europe and Asia—continued—

Matyuskin Shar, ii. 80

Russian Lapland, iii. 656

Arctic America (see also Alaska)—Greely's Expedition, Explorations by
Lieut. Lockwood, vi. 686Greenland, Dr. Nansen's Route, xi.
524

King William Land, ii. 720

Wrangell Land, Preliminary Map, iv.
64**GENERAL.**

Bathy-Hypsometrical Map, illustrating

Prof. James Geikie's Address, xiv. 664

Behaim's Globe, xiv. 592

Great Oceans, viii. 808

Isochronic Passage Chart, iii. 704

Isotherms and Isobars, xiii. 192

North Atlantic, Currents of the, xiv. 620

Population and Settlement of the Lands
of the Globe, xiii. 64**III. INDEX TO THE ILLUSTRATIONS IN THE PROCEEDINGS OF THE ROYAL GEOGRAPHICAL SOCIETY, 1879-92.****EUROPE.****Caucasus—**

Mount Ushba, x. 340

A Spur of the, x. 404

Mount Tetsnuld, from the western
shoulder of Gestola, x. 692Koshtantau, from the Salananchera
Glacier, xi. 352

Dychtau and the Mishirgi Pass, xii. 264

From above Karaoul, xii. 270

From the Khrunkoll Glacier, xii.
277

From the Saluinan Chiran, xii. 282

Basardjusi, the North-East Slopes of,
xiii. 323

Central Valley of the Bubi Skali, xiv. 104

An Ossete village, xiv. 104

Adai Khokh Group, Panorama of,
xiv. 140**ASIA.****Turkey in Asia—**

Cilicia Tracheia. Ancient Polygonal

Fortress at the Olbian Cave, xii. 449

The Devil's Gorge, xii. 450

Rock-cut Bas-Reliefs in Sheitan
Dere, xii. 451**Arabia—**Bahrein Islands, Sheikh Seid ben Omar
in Sheikh Esau's Palace, xii. 6

The Mounds at Ali, xii. 12

Mosque at Manameh, xii. 3

Persia—

Abbasabad, Dam on the, xiii. 594

Section across
of Anticlinals,
v. 50**Afghanistan and Baluchistan—**

Kandahar, Routes to—

Plain of Dasht-i-Bedaulat, ii. 213

Valley leading to Mulazim Skobaie,
ii. 216Kujlak, looking down the Vale
towards, ii. 217View from Vicinity of Ahmedun, ii.
219Zhob Valley, View looking down the,
ii. 222**Afghanistan and Baluchistan—continued—**

Kandahar, Routes to—

Tsaröe Tuugi, ii. 229

Plains of Pishin, looking south-west,
ii. 229

Siazgai Mt., ii. 236

On March to Derajat, View west-
ward, ii. 237View through the Anumber Gap, ii.
239Pishin, Section of Route from the
Indus to the Plains of, ii. 241

Sukhur, on the Indus, ii. 531

Nari Gorge, ii. 533

Sibi, Approach to; the Kachi Desert
and Railway, ii. 533Harnai Valley, Kalipat Mountain in
distance, ii. 535

Chapar Rift, the, ii. 536

Bolan Pass, ii. 537

Panoramic View of Quetta, ii.
537Pishin Valley, Khoja Amram Range in
Distance, ii. 539Khojak Pass, View from Summit of,
ii. 541

Kandahar, Approach to, ii. 544

Penjdech. Yaki Deshik Caves (Upper
and Lower Stories), vii. 585, 587**India and Himalayas—**Abor Country, Distant View of, iv.
677**Maluratta Country—**

Jumna, iv. 460

Torna, iv. 461

Rajgarh, iv. 462

Parthagarh, iv. 465

Vishalgarh, iv. 467

Singarh, Distant View of, iv. 470

Bowragarh, iv. 472

Raigarh, iv. 475

Mahabaleshwar, Arthur's Seat at, iv.
476

Bhore Ghat Incline, iv. 477

Nepal Peaks. View of the, viii. 216

Sikkim and Tibet. Palace of Rajah of
Sikkim at Tumlong, ii. 326Chola Lako and Pass, Kanchan-janga
in the Distance, iii. 327

India and Himalayas—continued—

- Sikkim and Tibet. Chokham Lake above Chola Pass, Mount Changu Kang in the Distance, iii. 328
 Bhewsa Lake, Mount Kanchanjanga in the Distance, ii. 329
 Tarn at Foot of Yakla Pass, iii. 332
 Yakla Pass and Lake, Mount Chumalari in the Distance, iii. 333
 Tarn on Ascent to Yakla Pass, Darjiling Hills in the Distance, iii. 331
 Nimyetso Lake, iii. 334
 Bidantso Lake, Mt. Gipmochi in the Distance, iii. 335
 Jyolap Pass and Lake. Mounts Chumalari and Changu Kang in the Distance, iii. 337

Indo-China—

- Siam. Loi Chaum Haut from Plain of Kiang Dow, viii. 13
 Zimme Plain. View of North End of, viii. 14
 Upper Burma. Travelling Chair of the Kasias, xi. 202
 Section of Suspension Bridge on Rivers of, xi. 203
 Bamboo Fish-trap in, xi. 212

Chinese Empire—

- China. Plan of a Tomb in the Imperial Mausolea, v. 26
 Fuen-Ho River, xii. 61
 Kansu, High Road in, xii. 70
 Hills of, xii. 67
 Kulang Hsien, Pass near, xii. 72
 Pa-li-kul (Barkul), xii. 80
 Urumtsi, Neighbourhood of, xii. 70

INDIAN OCEAN.

- Christmas Island. Diagrams of the Formation of, x. 623

AFRICA.**Egypt—**

- Jebel Zeit. Section of, viii. 502

South Africa—

- Mashonaland. Ruins at Zimbabwe, vii. 442
 Ancient Tower at Zimbabwe, vii. 443
 The Pioneer Expedition on "trek" past a Kopje, xiii. 4
 The Ruins on the Lundi River, xiii. 13
 The Ruins of Zimbabwe, xiii. 16
 Circular Ruin at Zimbabwe, xiv. 274, 275
 Plan of Ruins on Zimbabwe Hill, xiv. 276
 Plan of Ruins at Matindela, xiv. 275
 Plan of Ruins on Lunde River, xiv. 276
 The Round Tower in the Circular Ruin at Zimbabwe, xiv. 278
 Birds and Fragments of Bowls from Zimbabwe, xiv. 283-287
 General Plan of Zimbabwe, xiv. 352

West Africa—

- Kebbi River. View of Dinghi, xiii. 468
 View of Pannu, xiii. 470
 Below Chow, xiii. 473

NORTH AMERICA.

- Hayes River, Diagram of Landslip on, showing Depth of Frozen Soil, ix. 772
 St. Elias, Mount, from the Malaspina Glacier, xi. 468

CENTRAL AMERICA.**British Honduras—**

- Victoria Peak, Cockscomb Range, xi. 547, 549
 Cockscomb Peaks, Outline of from Scorpion Bank, xi. 546

Guatemala—

- House at Usumacinta, v. 199
 Pyramidal Temple at Tikal, v. 194
 Building at the Ruins of Tikal, viii. 597
 Plan of the Ruins of Copan, viii. 608
 Sculptures and Inscriptions from Quirigua, Copan, Menché, and Tikal, viii. 608

SOUTH AMERICA.**British Guiana—**

- South Side of Mount Kukenam, vi. 458
 Mount Roraima, vi. 461
 Mangroves and Palms at Barima Sand, xiv. 666
 The Savannah, xiv. 667
 Upper Reach on River, xiv. 671

Ecuador—

- Sangai, as seen from an Elevation of 17,400 feet on Chimborazo, iii. 458

AUSTRALASIA AND PACIFIC.**New Guinea—**

- Philp River. Mr. Bevan making Friends with the Tumtans, ix. 597
 Jubilee River. Furthest Point reached, ix. 599
 Mount Owen Stanley, Silhouette of Sky-line of, xii. 560

Pacific Islands—

- Falcon Island, Tonga Group, xii. 160

ARCTIC REGIONS.

- Franz Josef Land, Cape Crowther, iii. 132
 Cape Neale, Land Ice near, iii. 134
 Plan of Flora Cottage, Cape Flora. Mr. Leigh Smith's Winter Quarters, v. 215

GENERAL.

- Oceans. Diagrams showing Temperature and Density Sections of, viii. 808
 Medal presented to Mr. Stanley, xii. 257
 Portrait of H. W. Bates, xiv. 245
 Portrait of Christopher Columbus, xiv. 585

GENERAL INDEX OF THE PROCEEDINGS

OF THE

ROYAL GEOGRAPHICAL SOCIETY,

1879-1892.

* Signifies independent articles, or notes of some length.

† Notices of Publications.

A.

- Aa, van der. *See* Van der Aa
Aarau Geographical Society, "Jahrbuch"
of the, ix. 121
Ababdi tribe, ix. 660
A-Babûa tribe, v. 34
Abadeh, ruined village of, Persia, v. 142
A-Baramba tribe, v. 34
A-Barambo country, Junker in, iv. 569
A-Bassango tribe, ix. 295
Abazanzi tribe, Matabelliland, i. 510
Abazek, Caucasus, xiv. 175, 176
Abbadie, M. d', v. 235; on the course of
the Omo, xi. 249; on the determination
of altitude by the species of plants, i.
176; on the orthography of geographical
names, vi. 422; on Mount Wocho, Abyssinia, x. 389
Abbate, E., Guida al Gran Sasso d' Italia,
xi. 51 †
Abbazia-Fiume, Map of Environs of, xiii.
131
Al-bid, Persia, v. 153
Abbott, Capt. Jas., journey to Badghis
country, vii. 285
Abbott, Mr., on trade of Persia, xi. 104
Abdullah-khan, ruins of robat, v. 6
Abdul Nabi, Haji, v. 721
Abed ben Salim, sheikh, v. 165
Abeokuta, W. Africa, xii. 611
Abercorn, Lake Tanganyika, xiv. 36
Abercromby, Hon. J., A Trip through the
Eastern Caucasus, xii. 118 †
Abercromby, Hon. R., Forecasting by
Weather Charts, viii. 280 †; Seas and
Skies in many Latitudes, xi. 122 †;
Nature of Weather Changes, etc., ix.
719 †
Aberdare, Lord—
Opening addresses, ii. 772; iii. 743;
iv. 757; v. 729; vi. 687; viii. 792

Aberdare, Lord—continued—

- Annual ditto, iii. 385; iv. 329; v. 377;
vi. 365; vii. 417
Remarks on: E. African Expedition,
ii. 742; Highway to Kandahar,
ii. 546, 548; Andes, iii. 469, 470;
Kuldja, iii. 165, 168; Bolivia, iii. 418,
419; Sarawak, iii. 205, 208; Tem-
perate South Africa, iii. 18; Turko-
man Country, iii. 543, 546; v. 19, 22;
Sikkim, iii. 339; Sierra Nevada de
Santa Marta, iii. 722; Voyages of
Bira, iii. 146, 150, v. 221, 227; Atlas
Mountains, etc., iv. 367; Makua
Country, iv. 210, 212; Irawadi, iv. 273,
vii. 325, 331; Madagascar, iv. 534, 536;
Tanganyika, iv. 26, 27; Merv, iv. 354;
Mahratta Country, iv. 480; Gold
Coast, iv. 501, 507; Malay Peninsula,
iv. 409, 411, v. 5; Rovuma, iv. 273;
China, v. 453, 457; U.S. Columbia, v.
265, 267; Basins of Amaru-mayu and
Beni, v. 341, 347; Central Persia and
the Sea, v. 130, 137; New Guinea, v.
514, 516; Ashanti, vi. 451; Kabristan,
vi. 1, 18; Journey to Lake Shirwa,
vi. 655; Bahr-el-Ghazal Province, vi.
253, 255; Lower Congo, vi. 193, 196;
Alps of New Zealand, vi. 66, 70;
Region East of Nyassa, vi. 534, 535;
Oxus, vi. 501, 507, 509; Somal
and Gallaland, vi. 272; Masailand,
vi. 712; Himalayas, vi. 441, 447;
King Country, vii. 223; country be-
tween Zambesi and Rovuma, vii.
449, 452; Formosa, vii. 20, 22; Mt.
Roraima, vii. 533; Afghan Boundary,
vii. 284, 292; Irawadi, vii. 325, 331;
Kilimanjaro Expedition, vii. 157, 159;
Melanesia, viii. 565, 567; Ruins of
Copan, xiii. 594, 595; Geographical
Education, viii. 116, 120

Aberdare, Lord—continued—

- Remarks on presenting medals, iii. 431-3, iv. 431, 433, v. 418, 420, vi. 416, 417, vii. 474, 476; at anniversary dinner, iii. 436, v. 424, vi. 420; on President's address, xiii. 504; on relief of Leigh Smith, iv. 42; on F. de Lesseps, v. 735; on Nordenskjöld's Greenland expedition, v. 231; on relief of Greely, vi. 90; letter to De Long's widow, vi. 155; on death of Sir B. Frere, vi. 408; on Geographical Education, viii. 529; on death of Mr. Bates, xiv. 191
- Aberdare mts., E. Africa, vi. 704, x. 724
- Abgal, nomad tribe, v. 717
- Ab-i-Bazuft and Ab-i-Bors rivers, xii. 539, 540, 550
- Abich, H., barometrische Höhenbestimmungen auf dem Armenischen Hochlande, ii. 708 †
- Ab-i-diz river, xii. 513, 520, 529
- Abigargar canal, v. 827; river, xii. 521, 529
- Ab-i-Gharm stream, Turkestan, vi. 512
- Ab-i-Gum, i. 59
- Ab-i-shateit, S.W. Persia, xii. 521
- Ab-i-shur or Fahlyun river, v. 161
- Abiskun, Caspian (*see* Abuskun), v. 171
- Abistada Lake, i. 40 *note*, 198, 199, 354; overflow of, i. 333
- Ab-i-zero river, Persia, v. 151
- Abkana pass, Safid Koh, i. 45
- Abkhasians, Language of the, Baron P. K. Uslar, x. 176 †
- Abney, Capt., and C. D. Cunningham, Pioneers of the Alps, x. 46 †
- Abo people, Cameroons, iv. 589
- Abo river, W. Africa, iv. 586
- Aboma tribe, Africa, v. 707
- Abor country, Upper Brahmaputra, Capt. Michell's sketch of, iv. 676; Excursion in, J. F. Needham, viii. 313*; proposed expedition into, xiii. 685
- Abord tribe, Tibet, iii. 315
- Abosu, Gold Coast, iv. 505
- Aboubakar, Pacha of Zeila, v. 558
- Aboulfeda, Geography of, S. Guyard, v. 676 †
- Aboulquâsem Ben Ahmed Ezziâni, Le Maroc de, 1631 à 1812, xii. 637 †
- About, E., De Pontoise à Stamboul, vi. 168 †
- Abramot, M., Russian geographical work of, ix. 423
- Abresham or Kal Mura river, Persia, xii. 593
- Abreu, João Gomez d', voyage to Madagascar, i. 648
- Abreu, Jorge d', journey into Somaliland, vi. 256
- Abrolhos Banks, v. 595
- Abudja, Niger river, v. 659
- Abu Fanâna, ix. 665
- Abu Hamed, Nubia, vi. 326-330
- Abu-Hashim, Nubia, vi. 329
- Abu-Inteh-Shurrit, Nubia, vi. 330
- Abulfeda. *See* Aboulfeda.
- Abu Rakib, Nubia, vi. 332
- Abu Shi'ar, Wadi, ix. 680
- Abuskun, Caspian, i. 164
- Abyshkan, lake, desiccation of, viii. 645
- Abyssinia—**
- Abyssinia and the Italian Colony on Red Sea, x. 476 †
- Achinoff's Mission to, Vic. de Constantin, xiv. 807 †
- Area and Population of, vii. 104
- Cultivation in, zones of, Dove, xii. 253
- Early explorations in, iii. 682
- Expedition in, Vironi, iii. 379 †
- Expeditions in:—Cecchi and Chiarini, map, ix. 64; Italian, iv. 547; Raffray, iv. 241, 242; Rohlf's, iii. 186, map, v. 55; Schuier, iv. 44, 230; Stecker, iv. 107, v. 551
- Flora of, Schweinfurth, xiii. 734
- Maps:—Camferio's, ix. 788; della guerra in, x. 186
- My Mission in, Rohlf's, v. 305 †
- My Mission to, Portal, xiv. 132 †; correspondence on, x. 540
- Portuguese embassy to, 1520-27, Alvarez, iii. 763 †
- Visit to, Winstanloy, iii. 504 †
- Abyssinian claims on Red Sea, vii. 95
- Academy glacier, xiv. 698
- Acala, province of, viii. 589
- Acclimatisation, Oppel on, ix. 690; Felkin on, xiii. 630
- Acera, Gold Coast, area and population, vi. 620; rainfall and temperature, x. 533
- Accra to Mansue, sketch map of road, iv. 254
- Archelis, Methode und Aufgabe der Ethnologie, vii. 409 †
- Achewa tribe and language, xii. 152, 153, 157
- Achicuya plateau, Central Africa, iv. 510
- Achin, Dr. Bassler's visit to, xiii. 732
- Achinoff's Mission to Abyssinia, by Vicomte de Constantin, xiv. 807 †
- Achmet Yusuf, v. 717
- Achsu pass, Caucasus, x. 1, 672
- Ackawoise Indians, British Guiana, vi. 456
- Ackermann, K., Physical Geography of the Baltic, v. 742 †
- Aconcagua peak, S. America, vi. 658, 660
- Acora stream, Gold Coast, v. 38
- Acosta, J. de, The Natural and Moral History of the Indies, edit. Markham, ii. 459, 709 †
- Acre, Rio, district of, Brazil, xii. 240
- Actinia haven, i. 23
- Ada glacier, Chilian Andes, vi. 660
- Adai Khokh Group, xi. 673, xiv. 100; height of, x. 688; bibliography of district, xiv. 110
- Adakhan village, v. 162
- Adakhan H. & Countries, Explorations in, Paulitschke, vi. 425 †
- Adalb, F., and J. v. Langegg, Old Cairo, vi. 346 †
- Adalia, Asia Minor, vi. 312

- Adam Ranges, S. Australia, vi. 568
 Adumana country, v. 551
 Adami, F., Ein neuer Projektions-Globus, xiv. 576 †
 Adam-Kirilgan, iii. 727
 Adams, A., Travels in Japan and Manchuria, x. 320 †
 Adams, Capt., Arctic voyage, iii. 659
 Adams, C. C., director of Geographical Exhibition at New York, xii. 755
 Adams, W. H., In the Far East (Cochin China, etc.), i. 221 †
 Adams-Reilly, A., obituary of, vii. 390
 Adanson, Mr., on Malayan peninsula, iv. 411
 Adam-yölan well, Persia, v. 5
 Adana, plain of, Anatolia, vi. 321, 322, xiv. 57
 Adari, Bahrain islands, xii. 9
 Addo or Yewa river, W. Africa, xii. 597
 Address, annual, on the progress of geography—
 Markham, i. 353; Northbrook, ii. 401; Aberdare, iii. 385, iv. 329, v. 377, vi. 365, vii. 417; Lorne, viii. 417; Strachey, ix. 381, x. 405, xi. 405; Grant Duff, xii. 373, xiii. 381, xiv. 353
 Address, jubilee, from R.G.S., to Queen, ix. 438
 Addresses and remarks on opening session—
 Alcock, i. 1; Northbrook, i. 753; Aberdare, ii. 772, iii. 742, iv. 757, v. 729, vi. 687, viii. 792; Lorne, vii. 773; Strachey, ix. 765, x. 800; Grant Duff, xi. 740
 Adela or Adäl, vii. 96
 Adelaide, longitude of, C. E. Peek, v. 488
 Adelans, Abyssinia invaded by, vii. 96, 97
 Adeli country, xiv. 499
 Adelmann, A., Am ligurischen Meere, vi. 53 †
 Aden, British annexation near, iv. 608; trade and government, vii. 104; meteorology of Gulf of, x. 705, 706; (and Perim) population of, xiii. 612
Adenium Somalense, arrow poison of, vii. 639
 Adi river, E. Africa, iv. 751
 Adinapur district, i. 43
 Adish glacier, Caucasus, vii. 600, x. 389 note, 342, 780, 781; xiv. 111, 457
 Adler, F. See Curtius.
 Admiralty Manual of Scientific Inquiry, xi. 651
 Admiralty surveys, annual summaries, i. 369, ii. 418, iii. 396, iv. 337, v. 386, vi. 377, vii. 427, viii. 434, ix. 345, x. 417, xi. 413, xii. 387, xiii. 396, xiv. 376; reports on, iv. 551, v. 593, vii. 797; index to charts and plans published by the Hydrographic Office, i. 414
 Adone tribe, Somaliland, vii. 633, 642
 Adria District, Physiographical Study of, ix. 709 †
 Adrianot, M., expedition to Western Siberia, iii. 490; explorations in Kuznetsk region, iv. 110
 Adriatic, Borders of, Yriarte, i. 284 †; physical researches in, i. 404; coast map of, Schimpff, ii. 143; chart of, Imbert, ii. 719; work on, Schweiger-Lerchenfeld, v. 49; map of coast, vi. 363; From Adriatic to Sarajevo, xiv. 340 †
 Adulis, bay and port of, vii. 99, 107, 401; Ptolemy's positions in, xiii. 542; ruins of, xiii. 547.
 Adyl pass, Caucasus, x. 691
 Adyl-su glacier, Caucasus, vii. 599
 Adyr pass, Caucasus, 691
 Aegean, An Autumn Cruise in, Fitz-Patrick, ix. 223 †; The Islands of, Rev. H. Tozer, xiv. 224 †
Aegoceros Pallasii, vii. 601
 Agassiz, J., S.W. Africa, v. 464
 Agassiz, J., of soil, V. d'Aouest on, vii. 614; J. Garnier on, viii. 52
 Aeuekens, F., plan of Heligoland, ix. 265
 Afar o Donakil, map by G. Coar, vii. 351
 Afar, Obcek and Assab, area and population, vii. 104
 Affridi Tirah, region of, vi. 370
 Afghanistan—
 A. and the Anglo-Russian Dispute, Rodenbough, vii. 833 †
 Boundary commission and question, vi. 662; vii. 39*, 160*, 273*, 607, 667; viii. 267, 273, 429, 644, 667, 668, 783; ix. 574, 649; Letters from, Yate, x. 474 †
 Cabul, map of country from the Indus to, Kiepert, i. 156
 Candahar, new routes to Holdich, i. 729; tribes about, Temple, ii. 187
 Claims of, in the Pamir, xiv. 30
 Country and People of, Chavanne, i. 147 †
 Country between Candahar and Girishk, Beavan, i. 727, ii. 548
 English discoveries in, Paquier on, ii. 515
 Industrial and commercial Geography of, Harnish, xiv. 131
 Inhabitants of, i. 639
 Jalalabad region, Simpson, i. 727
 Journey of Russian Embassy to, Yavorsky †, iv. 755; v. 302
 Journey on N.W. Frontier, MacGregor, i. 344 †
 Journeys in, Maitland and Talbot, ix. 102*; Matveyeff, ii. 249
 Maps of:—Wilson, i. 62, 412; Surveyor-General, i. 390; Russian, theatre of war, i. 613; Johnston, i. 748; (northern), General Walker, ii. 397; T. R. Johnston, vii. 350; Freytag, vii. 411; Letts' bird's-eye view, *ib.*; (north-west), War-office, vii. 775; Thuillier, xiii. 244
 Mountain Passes on Indian Frontier, Markham, i. 38*
 Notes on †, Raverty, ii. 608, iii. 692, vi. 354
 Pischin valley, Gore, i. 728

Afghanistan—continued—

- Progress of knowledge of, since 1830, iii. 613
 Routes in, between Kurram and Ghazni, ii. 564
 Shorawak valley, etc., Campbell, i. 728
 Sketch of, Ortrov, x. 395 †
 Surveys, etc., during campaign in, i. 64, 458, 617*, 712, ii. 406, 407, 424, 582, iii. 56*, 399, iv. 343, 344
 Survey from the Oxus to Horat, Grodekof, i. 387
 Afion Kara Hissar, latitude of, x. 162, 163
 Atlas, W. Africa, vi. 620
 Afram-Volta plain, viii. 248
- Africa(n)—**
 Across, Cameron, vii. 486 †
 Agreement, Anglo-German, correspondence respecting, xii. 638 †; Anglo-French, text of, *ib.* †
 Association, International, claims in W. Africa, vi. 623; expeditions of, ii. 626, 775, 776, iii. 392, vii. 224, 226; reports of †, x. 807, 808
 Cable-laying on coast of, Crouch, ix. 780 †
 Cadamosto's voyages, Oldham on, xiv. 718
 Cartography, Nordenskiöld, x. 589
 Circumnavigation of, Müller, xii. 437
 Colonization in, Carlyle, vii. 346
 Companies, British, xii. 649, 664; Royal, Pamphlets relating to, xiv. 878 †
 Conference on, at Brussels, vii. 223
 Contemplation, Waller, xiii. 376 †
 Contributions to knowledge of, Rohlf, iii. 248 †
 Cultivation and states, map of, Ratzel, vii. 558
 Dark, and the Way Out, Hughes, xiv. 571 †
 Dark, new light on, Peters, xiii. 506 †
 Deserts of, Tchihatchef, vi. 628*; xiv. 180
 Development of, x. 663, 664; by immigration, xi. 419, 420; Silva White on, xiv. 503 †
 Elephants in, use of, i. 382; Cust on, iv. 381
 Entanglements, Waller, x. 603 †
 European activity in, viii. 666; Possessions, etc., in †, xi. 513, xii. 246, 638
 Exploration in, 1788-1888, map showing, Supan, x. 482; fifty years', Waller, iii. 686; history of, Paulitschke, ii. 522 †
 Exploration Fund, i. 96, 528; vii. 224; closed, ii. 761; report of committee, iii. 38
 Explored and Civilized, ed. Faure, i. 538 †
 Explorers, Africa as seen through its, Eden, iii. 61 †
 Forests, Stanley on, xii. 313
 French possessions in, map of, iii. 340
 General form of, xi. 581

Africa(n)—continued—

- Geological map, Zurich, ix. 656; structure of coast lands, xiv. 651
 German, Baumgarten, x. 540; expeditions, i. 2, 75, xii. 378, xiv. 371; African society, publications, vii. 617, viii. 344, xi. 460, dissolved, xi. 562; possessions, map of, ix. 64; Work in, Soyaux, x. 177 †
 Goldfields, ancient, Stuart, xiii. 637
 Heathen, Heart of, Macdonald, v. 182 †
 Heathenism, Trophies from, Young, xiv. 873 †
 In the light of our days, Chavanne, iii. 375 †
 In Darkest, Stanley, xii. 502 †
 Italian exploration in, ii. 317, 564; possessions, map of, xi. 638
 Ivory trade districts, map of, Reichard, xi. 521
 Journey across, Matteucci and Massari, iii. 560, iv. 112
 Knowledge of, in 1831 and 1881, compared, Grant, iii. 681*
 Lakes Company, Drummond commissioned by, v. 405; war with Arabs, xii. 726
 Lands, comparative value of, S. White, xiii. 630
 Languages of, Cust, vi. 101 †; map of, Ravenstein, vi. 175
 Life in, Becker, ix. 713
 Literature, 1500-1750, Paulitschke, iv. 391 †
 Maps—Andree and Scobel, vi. 360, vii. 412, xii. 188, xiv. 201; Andriveau-Goujon, iii. 512; Arrowsmith, xii. 644; Atlas of, viii. 350; Bamberg (wall), iv. 187; Bartholomew, xiii. 378; Berghaus (physical, wall), iii. 254; Chavanne (*id.*), i. 816, iv. 453; Ch. Missionary Soc., i. 287; Cora, xii. 188; De Bissy (Dépôt de la Guerre), iv. 187, v. 55, 436, vii. 183, viii. 135, x. 546, 746, xi. 466, xiii. 133, xiv. 663, 881; Gaebler, xii. 310; Habenicht (Perthes), vii. 700, viii. 64, 349, 413, ix. 396, 528, 656, 788, xiii. 745, xiv. 201, 350, 733; Handtke, viii. 135, 607, xi. 401, xii. 507, xiii. 310; K. Johnston, i. 157, vi. 758, vii. 265; (library), i. 287; Kettler and Muller, vii. 412; Kiepert, ii. 717, vii. 60, ix. 788; (school wall), iii. 704; (physical, wall), iii. 704, vii. 412, xiii. 696; Liebenow, vii. 676; Lüldesche, xii. 310; Maier, viii. 285, ix. 593, xiii. 133; Stanford (school), i. 159; (library), xii. 310, xiv. 430; Sydow-Habenicht (wall), iv. 66
 Mean altitude of, Chavanne, iv. 95; Heiderich, x. 589
 Missionary explorations in, i. 2; map of, Cust, xiv. 137; Society, Church, proceedings of, xiv. 730
 Pacific conquest of, Philibert, xi. 514 †
 Papers on, Stewart, i. 538

Africa(n)—*continued*—

- Partition of, Rawson, vi. 615*; Banning, x. 740†; Keltie, xii. 655*
 Past and Present, Moister, ii. 140†
 People of, Hariman, i. 811†
 Philology, progress of, Cust, vii. 750
 Place-names, spelling of, xi. 562
 Population and cultivable area of, xiii. 27, 28, 689
 Portuguese civilization in, Latin and, Carvalho, xi. 570; early exploration in, i. 149; expeditions in, i. 272; Batalha-Reis on, xi. 686
 Positions in, Duveyrier, ix. 519
 Pygmy Tribes of, Schlichter, xiv. 508†
 Quid novi ex Africa? Rohlf's, ix. 261†
 Railways in, vi. 596
 Religions of, Oppel, ix. 715†
 Round Africa, Joest, vii. 555†
 Science, civilization, and commerce in, Minutilli, iv. 244
 Slave-trade in, xii. 705
 Society, "La Explorada," ii. 392; at St. Paul de Loanda, iv. 114
 "States," boundaries of, vii. 539
 Story of, and its explorers, Brown, xiv. 260†
 Summaries of work in, i. 358, ii. 409, 583, iii. 390, iv. 335, v. 379, vi. 373, 588, vii. 424, viii. 430, ix. 337, x. 412, xi. 406, xii. 375, xiii. 391, xiv. 371
 Survey, system of, for boundaries, etc., Huldich, xiii. 596*
 Telegraph, overland, through, i. 123, 217, 264*
 Trade, ancient, in interior of, xiii. 516, 517; Africa as a field for, Roberts, v. 432
 Tropical, Drummond†, x. 475, xiii. 239
 Water highways of, Stevenson, v. 498
Africa, British Central, H. H. Johnston on, xii. 713*; proposed work of, xiii. 227
Africa, Central. [See also East, South, North, and West-Central.]
 Across Africa, Cameron, vii. 486†
 American mission in, proposed, ii. 45
 Arabs in, Stevenson, x. 740
 Boundaries of, 1890, map showing, xii. 507
 Commercial future of, De Winton, x. 722*
 Congo Conference, map showing results of, vii. 352
 Emin Pasha's province, map of, xi. 322
 European occupation in, vi. 591, 597
 Evolution of Lake Region of, iv. 627
 Expeditions in:—Algerian Missionary Society, i. 453, 513, ii. 43, 691, 765, iii. 42; Becker, vi. 662; Bohndorff (Hassenstein on), vii. 693†, (map) vii. 700; Felkin and Wilson (map), iii. 254; Foa, xiv. 339; Giraud, vi. 341, vii. 120, 332*, 603*; Gleerup, viii. 596; Junker, iii. 244, iv. 227, ix. 399*, (maps) ii. 398, xi. 401; Lenz, vii. 380; Reichard, vii. 603*, viii. 344†; Sharpe, xii. 150*, 714*; Stan-

Africa, Central—*continued*—

- ley (1884-87), map, i. 80; (relief of Emin), xi. 253, (maps) xi. 253, xii. 123; Thomson, xii. 742, 752; various, ii. 764
 Exploration of, v. 405; H. H. Johnston on, xiii. 635†
 Gordon in, ed. Hill, iii. 503†
 Lakes of Equatorial Africa, Giraud, xii. 361†
 Lake, Great, reported, iv. 685; discovery of a new, ix. 439
 Linguistic results of a journey in, Schweinfurth, viii. 132†
 Maps of:—African News, xiii. 379; Baptist Missionary Society, vi. 175; Bartholomew, xii. 441, xiii. 310, xiv. 881; Berlioux, i. 544; Board of Missions, Boston, ii. 333; Chavaune, iii. 700, vi. 487; Friederichsen, vii. 200, T. B. Johnston, xii. 369
 Missionary societies' stations, map of, xiv. 510
 Missions, French, map of, Charmetan, ii. 334
 Travels in, Junker† (and English translation), xii. 638, xiii. 442, xiv. 62, 725
 Tribes of, Wolf, ix. 588†; Stanley, xii. 319
 Water route to, Stewart, iii. 257*
 Watershed of, xiv. 826
Africa, East, East Central, East Equatorial—
 Across East African Glaciers, Meyer, transl. Calder, xiii. 125†
 Arab and African, the, Pruett, xiii. 376†
 Between Zambesi and Rovuma, note on Last's map of, xii. 223, 224; O'Neill on, vii. 430*
 Boundaries in, ix. 638; Anglo-German, ix. 188; map of, Kiepert, xii. 507, 772
 Cape of Aromatics, Voyages to, Révoil, ii. 393†
 Changes in map of, ix. 490
 Civilization and trade in, v. 542, 543
 Expeditions in:—Belgium, i. 207, 273, 361, 535, 537, 538†, 589, 787, ii. 123, 432, 562, Rankin on, iv. 273*; Carter, ii. 761, iv. 14; Debaize, i. 402, Rabaud on, ii. 709†; Fischer, vii. 338; (third journey, map), ix. 64; German, iv. 105, 570, 572, vi. 88; Von Höhnell, xiv. 412, 803; Keith-Johnston and Thomson, i. 3, 63, 128, 329, 362, 382, 452, 669, 755, ii. 102, 133, 182, 209*, 264, 306, 506, 556, 689, 721*; Last, vii. 455, viii. 99; Mackinnon-Buxton, i. 80; Mullens, i. 590; Pinto and Cardozo, viii. 329, 722; Pfeil, ix. 47, 340, (map), ix. 64; Stahlmann (map), xii. 442; Thomson, xii. 742, 752; Teleki, x. 533, (map), xii. 710
 Game of, Willoughby, xii. 121†

Africa, East, East Central, East Equatorial—continued—

Geology of, iii. 378; von Höhnelt and others on, xiv. 810 †

German annexations in, vii. 239; map of, viii. 608; treaties made by Count Pfeil, ix. 492; protectorates in, extent of, ix. 493; enterprise in, Jannasch on, xii. 242. *See* Africa, East, German.

Heart of Heathen Africa, Macdonald, v. 182 †

Imperial British E. A. Company, x. 708, 722, 723

Makua Land, Maples on, iv. 79 *

Maps of:—Berlioux, vi. 487; Denhardt, iii. 120; Kiepert, ix. 328, xiv. 66; Ravenstein (R.G.S.), ii. 444, iii. 224, iv. 628; (E. A. Co.), xi. 578; Wensierski, viii. 541, 607

Masai Country, Farler on, iv. 730*; photographs by Gedgu, xiv. 140. *See* Masai land.

My third campaign in, Price xiii. 184 †

Native routes in, K. Johnston, i. 417 *

New Light on Dark Africa, Peters, xiii. 506 †

Ptolemy's Topography of, Schlichter, xiii. 513*; description of, translated, xiii. 541

Rovuma district, Maples, ii. 337 *

Surveys, marine, xii. 389

To the Central African Lakes and Back, Thomson, iii. 375 †

Trade in, Reichard on, xii. 241; between India and, Holmwood on, vii. 239

Travels in, Elton, i. 222 †

Tribes of, Last on, i. 788

Tropical A., Drummond †, x. 475, xiii. 239

Usambara country, Farler on, i. 81 *

Volcanic eruption in, line of, xii. 332

Von der Decken's travels in, i. 741

War in, map of theatre of, xii. 573

Zanzibar, Correspondence relating to †, x. 540, xi. 253

Africa, East, German, xii. 442; xiv. 733

Boundaries of, xii. 664

Maps of:—Kettler (wall), xi. 322, xiii. 643 (hand), xi. 322, xii. 710; Moises, xii. 55; Weimar Geogr. Inst. xiv. 138

Orthography of names in, xiv. 771, 776

Orthography of, Schmidt, xi. 306

Africa, North, North Central—

Artesian Wells of, Rolland, xi. 507

Botany of, Cosson, iii. 763 †

Climatic and physical changes, iv. 632, 635

Coast line, changes of, Fischer, ix. 242

Easter in, Freshfield, xi. 58 †

Explorations in:—Buonfanti, vii. 183; Matteucci, ii. 507, 691; Rohlf, i. 75

History of, Mercier, x. 603 †

Routes to the Sudan, Blanc on, xi. 455

Ruchert, work on, vii. 55 †

Sahara and Sudan, Nachtigal, i. 610 †

Travels in, Barth †, xii. 572; xiv. 260

Africa, North-East—

Exploration in, xiii. 722; Italian, i. 666; James, vii. 380; Junker, ii. 334, iii. 254; Schuier, iii. 587, 736; iv. 44

Unknown horn of, James †, xi. 120; xiii. 568

Africa, North-West—

Lenz's expedition in, ii. 432

Rock inscriptions in, iv. 241

Africa, South, South Central, South-East—

Altitudes in, Gamble, ix. 320 †

Austral Africa, losing or ruling it, Mackenzie, x. 50 †

Boundary commission, Anglo-Portuguese, in, xiv. 860

British sphere in, xii. 662, 663

Catalogue of Books relating to, Gamble, ix. 320 †

Climate of, Dove, xi. 253 †; and health in, Bonwick, ii. 140 †

Eight Months in an ox-waggon, Sandemann, ii. 141 †

European settlement in, Maund, xiii. 55

Expeditions in:—Anderson, i. 709; Arnot, vii. 119; Coillard, ii. 320;

Depechin, ii. 694; Erskine, iv. 187;

Holub, ii. 166*, 761, (map), ii. 717;

Law (Umsila's country), iii. 306;

Monk, xi. 608; de la Fanouse, ix.

127; Phipson-Wybrants (Umsila's

country), ii. 627; v. 271; Richards,

vii. 381; Selous, ii. 367; iii. 169;

vi. 284

General information on, xii. 246 †

Geography of, Greswell, xiv. 426 †;

Shaw, i. 539 †; for schools, Wilmot,

vi. 102 †; Anderson on, vi. 19*;

eastern part, vi. 30

Geology of, vii. 618 †; maps of, Peter-

mann's Mitteilungen, Schenck, x. 612

Gold Fields, guide to, Penning, v. 493 †;

revisited, Mathers, x. 315 †

Handbooks to, Roberts, i. 345 †; Silver

and Co., ii. 709; xiii. 636

High-Commissionership, Correspondence

on, x. 740 †

History of, Theal †, x. 396; xi. 120; xiii.

375; Collected essays on, ed. Murray,

xiii. 636 †

Hunter's Wanderings in, Selous, † iv.

63; xii. 362

Maps of:—Bartholomew, xii. 645; T. R.

Johnston, ii. 334; v. 438; Juta, vii.

558; xi. 758; xiii. 643; xiv. 881;

Merensky, vi. 239; ix. 328; Grover,

i. 80, 157, 286; Portuguese, ix. 210;

Turner, ii. 718; Wyld, i. 749; ii. 784;

xi. 401

Mission Fields of, Carlyle, i. 148 †, ix.

61; stations in, iii. 9, 10; of French

Jesuits, v. 230

Narrative of Exploration in, Galton, xi.

751 †

Our Empire in, Greswell, vii. 555 †

Pinto's journeys in, Ribeiro on, ii. 270 †.

See Africa, West Central.

Pondoland, Correspondence on, x. 603 †

Africa, South, South Central, South-East—*continued*—

- Portuguese possessions in, map of, xiv. 66
 Positions in, Law, ii. 367
 Republic of, x. 476; map (postal), xiii. 133; of S.W. frontier (War Office), vii. 266
 Seven years in, Holub †, ii. 270; iii. 61, 319
 Surveys of, iii. 7, 8; proposed, Gill on, ii. 185
 Telegraphs of, xii. 55
 Temperate, Sir B. Frere on, iii. 1 *
 Traders in, iii. 11, 12
 Traits of, Mackinnon, ix. 519 †
 Travels in, Muller, xiii. 694 †; Tromp, i. 406 †
 Tribes related to Zulus, v. 285
 Twenty-five years in, Anderson, ix. 779 †
 Twenty years in, Matthews, x. 476 †
 Zambezia, Maund on, xii. 649 *

Africa, South-West—

- Climate, etc., of, von Steinächer, xi. 308
 Expeditions in:—German, viii. 595; Petit, v. 175; Schinz, ix. 243; Stapff, ix. 511
 Geography of, Schlichter, xiii. 633
 German, Schinz, xiii. 507 †
 Spheres of influence in, xii. 573
 Through, Schinz, ix. 714 †

Africa, Tropical—

- Acclimatization in, Felkin, viii. 729
 Climate of, report of committee on, xiv. 716

Mountain flora of, Engler, xiv. 871 †

Africa, West. [See also West Central, and separate countries.]

- Bantu Borderland in, H. H. Johnston, x. 633 *
 British possessions, map of, Stanford, xii. 188
 Coast of, vii. 62, 352; map, vii. 200; scenery of, i. 226
 Cruise in Waters of, Crouch, xi. 394 †
 Ewe-speaking People of, Ellis, xiii. 54 †
 Exhibition at Paris, viii. 651
 Expeditions in:—Bayol, iv. 178; De Brazza, ii. 775; Buchholz, ii. 70; Desbordes, iii. 563; iv. 46; Flegel, iv. 568; French, ii. 42, 123, 124, 628, 690; Gallieni, ii. 185; German, xi. 375; Lecomte, x. 248; Rogozinski, v. 173; Soleillet, i. 512; Soyaux, i. 741 †; Staudinger and Hartert, ix. 211; various, xii. 666
 Fernando Po, Baumann, x. 396 †
 Flora of, xii. 614
 Forestry of, Moloney, ix. 519 †
 France in, vi. 355 †; possessions of, Brun-Renard, vii. 767 †
 Geology of, xii. 611; map, iv. 187
 German African Association in, iv. 678; annexation in, vii. 183; official mission to, vi. 283; possessions in, map of, Hassenstein, vi. 61

Africa, West—*continued*—

- Hygiene in, Scovell Grant, vi. 425 †
 Islands of, Ellis, vii. 258 †
 Loango Coast, Alexanderson on, ii. 707
 Maps of, Ministry of Pub. Works, ii. 718; Méa, vii. 60
 Missions of, exhibition of collections of, Paris, viii. 599, 651
 Nature and the Black Man, Barret, x. 177 †
 Okande Land, travels in, Lenz, i. 150
 Photographs and descriptions, Moraes, viii. 60
 Railways in, xiv. 803
 Seven years in, Bonche, vii. 196 †
 Sketches of, Lenz, i. 150 †
 Surveys off coasts of, iv. 552
 Swedish settlement in, vii. 539
 Three journeys in, Marche, i. 345 †
 Trade, markets for British, etc., x. 540 †
 Trader on the coast of, Capper, viii. 738
 Vegetation and forest scenery of, x. 751
 Yoruba country, Millson on, xiii. 577 *

Africa, West Central, West Equatorial—

- Arab Traders in, Wissmann, x. 525 *
 Banana to Kiamvo, W. Wolff, xi. 254 †
 Bashilange, map of district of the, Wissmann, xi. 62
 Benguela to Yacca, Capello and Ivens, iv. 246, 701 †

Conference on, Protocols, etc., of, vii. 490 †

European claims in, map of, vii. 61

- Exploration in, xi. 561; Arnot, xi. 65, * 607; xiii. 688; Buchner, iii. 185, 370; iv. 114; Capello and Ivens, i. 130; 330; ii. 647; Crampel, xiv. 241, 372, 727; xii. 553; Germans, v. 381; Pinto, i. 481*; vii. 44, 119; Pogge and Wissmann, iii. 311; iv. 572, maps, vi. 238, 548; Schutt, i. 808; Wissmann, iv. 753; v. 163, 164; map, xii. 55

Loanda to Kimbundu, Lux, ii. 70 †

Map of, Hassenstein, v. 376

Report upon, and its people, Capt. G. W. Bailey, viii. 674

Second Journey in, Wissmann, xiii. 508 †; transl. Bergmann, xiv. 63 †

Trade districts, map of, Friederichsen, i. 286

Agar-chisme, springs at, v. 5

Agashtan glacier, Caucasus, xii. 269

Agassiz, A., American Thalassography, x. 477 †

Agassiz, A. R., from Hai-phong to Canton, xiii. 249 *

Agassiz, E. C., Life of L. Agassiz, vii. 769 †

Agassiz glacier, ix. 270, 273

Age of Melbourne, expeditions to New

Guinea, vi. 217

Agenda, 1884, avec Éphémérides Géographiques, vi. 172 †

Aggckenko, A., Flora of the Crimea, etc., xiv., 500 †

Aggomiut Esquimaux, viii. 458

Aghil Dawan Mount, height of, x. 507

Aghil Range, xiv. 207, 781
 Agnew, Lieut., exploration of the Upper Salwin and Lu rivers, xi. 170
 Agoa Branca plateau, viii. 519
 Agram, map of the neighbourhood of, v. 627
 Agriculture in the tropics, Wohltmann, xiv. 877 †
 Aguaray-Guázu river, Fernandez's explorations of the, ix. 581
 Aguna and Western Akim, gold in, v. 37
 Aguna-Swaydra, auriferous quartz at, v. 38
 Agyar, M. E., astronomical chronometer invented by, v. 557
 Ahár to Sarak, Col. Lovett's itinerary, v. 59
 Ahinguran Ruh Mountains, viii. 139
 Ahmadu, king of Segu, v. 36, 43; empire of, v. 428
 Ahmednu village, ii. 218
 Ahwaz, rapids on Karun, at, v. 125; xii. 519; Wells' journey from, to Shiraz, v. 156
 Aidin Kul, xiv. 16
 Aidin railway, Asia Minor, vi. 306
 Ailo hill, Somaliland, curious cave in, vii. 645
 Aimere river, xii. 467
 Aino and Loochoan Languages, Astor on, i. 598
 Ainos of Yezo, viii. 59. *See* Ainu.
 Ainsworth, W. F., on the identification of the Pinarus with the Piyas, vi. 468; Personal Narrative of the Euphrates Expedition, x. 803 †; the River Karun, an opening to British Commerce, xii. 46 †; Ascent of Karun river, xii. 510, 512
 Ainu of Japan, Batchelor, xiv. 886 †
 Air on mountains, rarity of the, Whymper, on, xiv. 264
 Aird river and hill, ix. 595, 596, 604
 Aird river, Bevan's ascent of the, xii. 691
 Airey, J., railway map of the Cumberland and Westmoreland districts, i. 347
 Airlie, Mr., on the trade of the province of Maranham, xi. 41
 Airuk, Mount, height of, xi. 181
 Airy, Sir G., on the influence of the Himalayan masses, vii. 687
 Aitchison, Brigade-Surgeon, on the flora of the Kurram valley, i. 637; on the Herat valley, etc., vii. 153, 156
 Aitoff, D., La projection zénithale équidistante, etc., xiv. 730 †; Région du Khingan, xiv. 867 †
 Aitulan-Khanum river, Central Asia, xii. 164
 Aivei or Jubilee river, New Guinea, xi. 86, xii. 692
 Aja, latitude of, vi. 251
 Ajawa tribe, viii. 83
 Ajera river, W. Africa, xii. 597
 Ajmir-Merwara, population of, xiii. 612
 A—K—, Pandit, journey in Tibet, vii. 65 *, 419, ix. 359; Tr. Saunders on, vi. 667;

A—K—, Pandit—*continued*—
 various surveys of, vii. 83 *note*; rewards given to, vii. 83, 477; routes, Lithang to Sama, Gordon on, vii. 318, 319; Paris Society's medal awarded to, viii. 273, 471; map of S. E. Tibet, x. 579, 580
 Akaishi Splenoid mountains, Japan, ix. 91
 Akankon, Gold Coast, quartz reef at, iv. 504
 Akba river, W. Africa, xii. 167
 Aké, Yucatan, ruins of, v. 45
 Akermann, M., receives medal on behalf of Dr. Nansen, xiii. 493
 Akhal Atock, i. 183
 Akhal Tekke tribe, i. 183, iii. 534; oasis, v. 2
 Akhi, the, of Asia Minor, vi. 324
 Ak Jilga river, xiv. 12
 Akka, Batua or Tikki-Tikki dwarf tribes, ix. 295, 407, 646, x. 391
 Akmolinsk district, surveys in; ix. 437
 Akpargafé river, West Africa, x. 635
 Ak-robat, road through, to Afghanistan, v. 6; wells of, v. 7
 Aksai defile, Russian Turkistan, x. 644
 Aks-ak-Moral, Asia, xii. 32
 Ak-Sayrak group of glaciers, Thian Shan, x. 599
 Ak Serai, latitude of, x. 163
 Ak Sheher, latitude of, x. 163
 Aksu city, ix. 750; oasis, population of, ix. 230; road from, to Ush-turfan, ii. 495
 Ak-Su river, Pamir, ii. 503, v. 392, vi. 136, 500, viii. 40, 98, xiv. 226, 784; depth of snow in valley of, xii. 635
 Ak-Tepeh, vii. 281, 282, 288, 572, 582
 Akudnirmint Esquimaux, viii. 458
 Akuna-kuna, West Africa, x. 756
 Akunda tribe, Central Africa, xii. 746
 Akureyri, Iceland, iv. 138
 Ala Dagh mountains, Asia Minor, vi. 315
 Alaga, Burman explorer, journey to the Upper Irawadi, iii. 400, 694, 695, iv. 260, 560 *; map of his route, iii. 640
 Alagy, Caucasus, xiv. 102
 Alai and Pamir, Mushketov's geological explorations in the, i. 125
 Alai and Pamir valleys, Capus on depth of snow in, xiv. 635
 Alai mountains, xiv. 8, 9; passes of the, ii. 499; depth of snow in valleys of, Capus, xiv. 635
 Alai river, Persia, v. 157
 Ala-kul gulf, Lake Balkash, ix. 426 *note*, 427
 Ala-kul, Turkestan, iii. 155
 Alamán-jangal, ford on the Tejend river, v. 4
 Alang wells to Sardoba Chil-gumbez, route from, iii. 726
 Ala-shan or Lian Gobi plain, xii. 71; route across to Kashgaria, xii. 57
 Alaska—
 Along A.'s great river, Schwatka, viii. 475 †

Alaska—continued—

- Alpine Regions of, Seton-Karr, ix. 269 *
 Cruise of the *Corwin* in, Hooper, viii. 474 †
 Expeditions in:—Allen (Report), x. 396 †; Howard, ix. 308; International, to Point Barrow (Report), viii. 474 †; Schwatka, viii. 526, 652; (and Hayes), xiv. 561. Seton-Karr, ix. 52; Stoney, etc., viii. 789; United States, vii. 246, 819
 Explorations in, Seton-Karr, xiii. 65 *
 Fifth Avenue to, Pierrepont, vi. 426 †
 Glacial action on Copper river, Allen on, viii. 787
 Glaciers of, x. 781 *note*
 Indians of, xiii. 73, 74
 Its Southern Coast, etc., Scidmore, viii. 474 †
 Maps of:—Dall and Linden Kohl, vi. 361; Petroff, iv. 711
 Muir Glacier, Wright on, ix. 118
 Photographs of, Nicholl, xii. 371
 Population, etc., of, Petroff, vii. 693 †
 Report on, and its people, Bailey, viii. 674
 Scientific researches in, by Smithsonian Institution, iv. 91
 Seal Islands of, Elliot, iv. 444 †
 Shores and Alps of, Seton-Karr, ix. 460 †
 Visit to Glaciers of, and Mount St. Elias, Topham, xi. 424 *
 With Sack and Stock in, Broke, xiii. 740 †
 Yukon River, Sledge Journey in Delta of, Nelson, iv. 660 *
 Alutroa Lake, Madagascar, xii. 290
 Alazan, valley of, Caucasus, xiii. 314
 Albania, a Winter in, Brown, xi. 114 †
 Albarracin, S. J., *Estudios generales sobre los rios Negro, Limay, etc.*, viii. 406 †
 "Albatross," S. M. S., *Reise von, nach Süd-Amerika, West Afrika, etc.*, Benko, xi. 190, 517 †
 Albemarle Island, Galapagos Islands, ii. 742
 Albert Edward Lake, xi. 722, 723; Lugard's *Explorations in the Region of*, xiv. 4., 517 †; *Explorations in the Region of*, xiv. 471, 540
 Albert Edward Mountain, New Guinea, height of, xi. 606
 Albert Lake region, tribes of the, xiv. 545
 Albert Nyanza, xi. 270, 271; dessication of, xi. 380; river at the southern end of, Mason on, xii. 40; Journey from Yam-buya camp to, Stanley, xi. 261 *; Journey from, to Victoria Nyanza and East Coast, Stanley, xi. 720 *, 735; reported great lake west of, Lupton on, iv. 685
 Albert Peak, Cameroons mountains, vii. 184
 Albert, Prince, on the Saskatchewan, depth of frozen soil at, Traill, viii. 743, 744
 Alberti, J., *De Kaffers aan de Zuidkust van Afrika*, i. 201 †

- Albertis, Signor d', explorations in New Guinea, i. 732
 Albistan, Asia Minor, xiv. 58
 Albolaki Lake, Persia, v. 146
 Albornoz, Dr. M. M., *Breves apuntes sobre las Regiones Amazonicas*, viii. 406 †
 Albrohlos Banks, coral bank near, v. 595
 Albuquerque, New Mexico, v. 667
 Alcock, Dr., on the collection of deep-sea fishes of Indian Coast Survey, xiii. 611
Alcock, Sir Rutherford—
 Address and remarks on opening session, 1878-79, i. l. 71;
 Remarks on:—Andamans, x. 575, 576; Binue river, ii. 305; Borneo (north), x. 22, 145; viii. 500; Cameroons, i. 239; China, i. 507, 508, ii. 164, v. 453; Congo State, viii. 624, 627; East African expedition, i. 527, ii. 133, 134, 741; Fly river, i. 15; Iceland, iv. 146, 148; Korea, viii. 311, 312; Lord Northbrook, ii. 454; Merv, i. 190; Nyasa, i. 321, 323, iii. 274; passes leading to Bamian, i. 255, 259; Prjevalsky's journey to Tibet, i. 278; railway between India and China, viii. 19; Mr. J. Thomson, viii. 475
 Royal medals presented by, i. 466
 Aldrich, Capt., Visit to Christmas Island, x. 616 *
 Alegre, Rio, viii. 354
 Alele or Wickham river, New Guinea, ix. 77
 Alert, The, Cruise of, Coppinger, vi. 105 †; survey work of, i. 366, 369, iv. 554, 555, v. 209, 593, vi. 154, 367, vii. 543, viii. 158; voyage to Hudson's Bay, x. 559, 560
 Alerte, Cruise of the, Knight, xiii. 242 †
 Aletsch glacier, Alps, i. 570, x. 686
 Alexander, General Sir J. E., obituary of, vii. 343
 Alexander, Prof., the Hawaiian Government Survey, xi. 320 †
 Alexanderson, Carl, on the Loango Coast of West Africa, ii. 707
 Alexandra Lake, ice formation in, viii. 166
 Alexandra Land, Franz-Josef Land, v. 225
 Alexandria ad Caucasum, i. 119
 Alexandria, ancient, xii. 513, 514; plan of, Stanford, iv. 710; Wyld, *ib.*; of defences, iv. 581; sketch of country between Kafr Dauâr and, (War Office), iv. 709
 Alexandroff, Colonel, survey from Kungud to Gulf of Mertvykulduk, v. 392
 Alexandroffka, valley of, M. Poliakov's studies in, iv. 109
 Alexandrov, M., work in the Tian-Shan region, xi. 312
 Al Fuhs tribe, Morocco, xi. 488
 Alford, C. J., *Geological Features of the Transvaal*, xiii. 239 †
 Alfred Newton glacier, viii. 165

Algeria. [*See also* Algiers.]

- Agricultural and industrial map of, Jourdon, i. 157
 Atlas Mts. of, map of, Rothpletz, xii. 573
 Climate of, iv. 632
 Coast line, Fisher on changes of, ix. 242
 Commerce of, Playfair, x. 305
 Ethnography of, Baudens, iv. 61
 European Population in, Ricour, ii. 393 †
 Flora of, Matthews, ii. 782 †
 France and, 1579-1833, Plantel, xii. 301 †
 Geography, etc., of, Schwarz, iv. 62 †; (physical), Wahl, iv. 444 †
 Geological map of, xiv. 881
 Handbook for Travellers in, Playfair, ix. 206 †
 Hints for Tourists in, Flower, xii. 53 †
 L'Algérie et la Tunisie, Leroy Beau- lieu, x. 474 †
 L'Algérie Qui S'en Va, Bernard, ix. 649 †
 Maps of:—vii. 265; Cuénot, ix. 724; French war office, v. 55, vi. 360, vii. 135, ix. 211, 593, xi. 466, xiii. 62, 746, xiv. 350, 881; Kiepert, iii. 700; Le- vasseur, ii. 464; Malte-Brun, vi. 614
 Missionary Society of. *See* Africa, Central, expeditions in.
 Mountain life in, Barclay, iv. 182 †
 Resources of, viii. 598
 Sahara of, journeys in, Bort, x. 648; Doportes, xiii. 53 †; Do Gorloff, iv. 358 †; projected inland sea in, iv. 377
 Shots of, Vuillot's excursion to, xiv. 471
 Southern, Dybowski's explorations in, xii. 636
 Statistics of, Playfair, x. 166
 Surveys in, vii. 339
 Wells in, sinking of, iv. 630
 Western, journey in, Playfair, viii. 733
 Algermissen, J. L., maps by—Alsace, x. 321; Black Forest, x. 3-2; environs of Cologne, iii. 382; German Empire, vii. 496; Westphalia, vi. 174
 Algiers, early history of, xii. 630, 631; from, to Oran and Tlemcen, Schneider and Haas, i. 151 †; Historical and Scientific Notes on, Seguy, x. 671 †; History, Conquest, and Colonisation of, Gaffarel, v. 112 †; Plan of, Jourdan, x. 811, xi. 62; the Scourge of Christendom, British Relations with, etc., Playfair, viii. 674 †
 Algonquian Languages, Bibliography of, Pilling, xiv. 573 †
 Alhualumo tribe, Central Africa, iv. 510
 Ali, Bahrein Islands, sepulchral mounds at, xii. 13
 Alifabad, Persia, x. 630, *and note*; valley of, v. 77
 Alice Springs, Central Australia, i. 334
 Alichur Pamir, xiv. 13, 226
 Aliélé Turkomans, iv. 218, v. 2, *note*
 Ali Kasir Arabs, v. 154

- Ali Khan Agha, head of the Astrabadi Kajars, v. 80, 81
 Alikhanoff, M., book on Merv, vi. 233, 294
 Ali K... A... i. 626; roads from, i. ...
 Ali-Kobbo's zeriba, position of, ix. 315
 Alima, River, W. Africa, i. 130, 358, iv. 509, v. 702, viii. 629
 Ali Masgid, i. 44
 Aling Gangri, v. 614
 Alington, Mr., Journey in Usambara, i. 82
 Alis, H., A la conquête du Tchad, xiv. 870 †
 Allain, Roné, on resources of Algeria, viii. 598; on Formosa, vii. 304
 Allan, George, The Land of the Dnallas, x. 49 †
 Allen, C. F. R., remarks on Agassiz's journey from Hui-phong to Canton, xiii. 263; on Younghusband's journey in Central Asia, x. 575
 Allen, Lieut. H., on glacial action on the Copper River, Alaska, viii. 787; report of expedition to Alaska, x. 396
 Allen, W. H., Russian official map of Central Asia, i. 412
 Alliance, voyage of the, in search of the *Jeannette*, iii. 734
 Allodi, P., plan of Milan, iii. 382
 Almagnu river, Pamir, vi. 139
 Almami Samodu, xiv. 450, 451, 454
 Almatinka valley, Turkistan, iii. 159
 Almaty river, Russian Turkistan, x. 638
 Almeida, Don Francisco de, voyage to Madagascar, i. 647
 Almeida, Dr. C. M. de, obituary of, iii. 397
 Aloatra Lake, Madagascar, xiv. 738
 Aलो people, E. Africa, vi. 518, 520
 Alphand, M., Album des anciens plans de Paris, ii. 720
 Alphonse Island, v. 596
 Alpine Club, map of Swiss and Italian Alps, iii. 639; French, Annual of, xi. 746 †; German and Austrian, Journal of, x. 46 †; Swiss, Yearbook of, viii. 797, xi. 747 †
 Alpine Guide, and John Ball, Freshfield on, xii. 106
 Alpine Journal, vol. xiv., xi. 746 †; index to the, xiv. 565
 Alpine Notes of Leonardo da Vinci, Freshfield, viii. 335 *
 Alpine Pass of Hannibal, Freshfield, viii. 638 *
 Alpine travellers' equipment, xiv. 465
Alps—
 Ascents in the, Levasseur, xi. 185 †
 Climber's Guide to, Conway and Coolidge, xiv. 721 †
 Divisions of the, Böhm, ix. 709 †
 Flora of, origin of the, Ball, i. 564 *
 Formation of, Heim, i. 282 †
 Frontier of (French), map of, i. 347, 480, iii. 382
 Geography and Geology of, Civiale, iv. 115 †

Alps—continued—

- Geological map of, Noë. xiii. 252
 Glacier oscillations in, xiii. 683; work by Richter on, xiii. 736 †; glaciers of Eastern Alps, *id.*, x. 803 †
 Handbook to, Umlauf, ix. 712 †; English translation, xi. 116 †
 Iceberg in, xiv. 468
 Leonardo da Vinci and the, Uzielli, xiv. 345 †
 Maps of:—Alpine Club, iii. 639; Civiale, ii. 591; Dépôt de la guerre, iv. 123, vi. 427; Von Haardt, iv. 518, xi. 520; Leeder, v. 748; Michel, ii. 463, x. 480, xi. 464; Petou, vii. 271; Petters and W., vii. 579; Triampler, viii. 395
 My Home in the, Main, xiv. 501 †
 Photographs of, Donkin, xi. 128; Sella, xiv. 203
 Pioneers of, Cunningham and Abney, x. 46 †
Alps—Austrian, map of, Meurer, ix. 526; Steinhauser, iv. 328; *Cottian and Graian*, Vallentin, v. 182 †; *Eastern*, map of, vi. 428, xi. 520; by R. Mascheksen, xiii. 640; German occupation of, Von Krones, xi. 313 †; glaciers of, Richter, x. 803 †; *German*, glacial formations in, Penck, iv. 646 †; *Italian and Tyrolean*, map of, Michel, xi. 464; *Maritime*, Freshfield on heights of peaks in, ii. 190; *of Tyrol and Engadine*, map of, L. Ravenstein, ii. 591; *Western*, relief map of (and Appenines), Cherubini, iv. 327; statistics of first ascents in, Vaccarone, xii. 569 †; structure of, Diener, xiv. 113 †; *Zillerthaler*, guide to, Hess, ix. 711 †
Alps of New Zealand, Southern, explorations in, Green, vi. 57 *
Alsace. See *Elsass*.
 Alta Vera Paz, hills of, Guatemala, v. 191
 Altai mountains, Central Asia, i. 703, 704, x. 495, xiii. 215, 216; Flora of the, i. 574
 Altar or Collares volcano, S. America, iii. 455, xiv. 127
 Altgläubigen bay, v. 662
 Altu tribe, E. Africa, vi. 264
 Altyn Tugh range, Tibet, vii. 71, 168, ix. 214, xi. 375, 376
 Alu Island, Solomon Islands, x. 358
 Alvarez, F., Portuguese Embassy to Abyssinia during 1520–27, transl. Stanley, iii. 763 †
 Alvear, Don Diego, Historical Account of the Province of Misiones, etc., viii. 212 †
 Amadeus, Lake, Central Australia, ix. 695, xiii. 352; Tietkon's expedition to, xii. 169
 A-madi tribe, Central Africa, v. 33
 Ama-kwakwa tribes, East Africa, x. 382
 Amakali Yao tribe, East Africa, vi. 519
 Amakita people and town, East Africa, vi. 516, 517, 524
 Amakuru river, Guiana, xiv. 668, 679, 680

- Amambara river, map of, Flegel, vi. 238
 Amambwe tribe, Central Africa, xii. 736
 Amanian Gates Pass, Syria, viii. 96
 Amanus, The Chains of, Cassius and, Professor G. E. Post, viii. 94 †
 Amaramba Lake, South-East Africa, v. 482, vi. 153, 717, 718, 720, vii. 433, viii. 99; journey to, O'Neill, vi. 632 *, 713 *; *id.*, Hetherwick, x. 25 *
 Amaramba town, East Africa, vi. 520, 531
 Amaru-mayu river, Bolivia, iii. 405; Markham on, v. 313 *; derivation of the name, v. 343
 Amaseno river, xiv. 422
 Amat, P., *Relazioni Antiche e Moderne fra l'Italia e l'India*, ix. 586 †
Amazon—
 Basin of the, viii. 357–360
 Breves apuntes sobre las Regiones Amazonicas, Alborno, viii. 406 †
 Chart of, Para to Manaus (U.S. hydrogeographical office), v. 55
 Delta of, viii. 515
 Expeditions to:—Condreau, Roche, and D. mont, vi. 232; Crevaux, i. 723, ii. 136, iv. 176; Ehrenreich, xii. 42; Peruvian Government, xii. 99; South American Missionary Society, ii. 128
 Forest and campos of, viii. 364, 365
 Head-waters of, navigability of, xiv. 396
 Indiarubber from, viii. 516
 Length of, ix. 120, 253
 Peruvian Provinces on, as a Field for European Emigration, Guillaume, x. 178 †
 Route from, to the River Plate, viii. 362; from Peru to, Ordinaire's, x. 650
 Source of, xii. 228
 Surveys of, i. 363; American, i. 67; Azevedo, *ib.*
 Travels on, and Rio Negro, Wallace, xii. 248 †
 Tributaries of the, characteristics of, xii. 239
 Up the Madeira and, Mathews, i. 742 †
 Amban Achkan pass, Tibet, ix. 740
 Amberno (-li) river, New Guinea, vi. 203, vii. 174 *; Dutch ascent of the, vii. 172; mouths of the, v. 518
 Ambo, Peru, xiv. 389
 Amboella highlands, Central Africa, iii. 45; Duparquet's journey to, viii. 455
 Ambobimanga, Madagascar, xiv. 745; Routes from, iv. 532
 Ambositra, Routes from, iv. 531
 Amboyna, Malay Archipelago, v. 47
 Ambriz, West Africa, v. 692, 711
 Ambrizete, West Africa, town, river, and natives of, v. 693
 Ambryn, Island of, volcano, x. 354; Ascent of, De la Poer Beresford, vi. 129 *
 Ambukol and Shendy, sketch-map of country between, vii. 60
 Amdos Mongols, ix. 234
 Amceerah to Samaynac, distance from, v. 156

America—

- Arctic shores of, exploration of, iii. 674
 Atlas of, Estévez, vii. 494; Philip (Bartholomow), i. 415
 Canal, interoceanic, surveys for, Lull and Collins, ii. 201 †
 Chronology, prehistoric, review of data for, Brinton, ix. 715 †
 Coast lines of, geological structure of, xiv. 647, 650
 Columbus celebrations, fourth centenary of discovery, xiv. 317, 797
 Desert, Great, of, xiv. 79
 Discoveries of, to the year 1525, Weiso, vii. 260 †
 Early explorations in, ii. 574
 Encyclopædia Americana, xi. 574 †
 English rediscovery and colonization of, Shipley, xiii. 308 †
 Ephemeris and Nautical Almanac for 1895, xiv. 873 †
 Exploration in, summaries of:—i. 363, ii. 415, iii. 395, iv. 337, v. 385, vi. 377, vii. 426, viii. 434, ix. 345, x. 417, xi. 419, xii. 382, xiii. 395, xiv. 374
 Forests of, Kessler on, xii. 428
 Four Journeys through, von Thielmann, i. 812 †
 French colonies in, map of, Malte-Brun, v. 750
 Game, Big, of, Shields, xiii. 128 †
 Geographical Magazine, National, xi. 632 †
 Geography of, ii. 574*; (of the New World), Pérez, xi. 189 †
 Geological folds of, xiv. 694
 History of, Narrative and Critical, Winsor †, viii. 747, ix. 207, 588, x. 741, xi. 395, xii. 121
 Icelandic discovery of, Brown, ix. 716 †; Reeves, xiii. 127 †
 Lakes of, origin of, Spencer, xiv. 560
 Maps of:—Baur, viii. 542; von Haardt, v. 752, Kiepert, xii. 442
 Name of, De St. Bris, x. 398 †; Hughes, viii. 672 †
 Native Tribes of, classified according to Language, Brinton, xiii. 304 †
 Naturalists, Travelling, in, xiv. 873 †
 Nature and Man in, Shaler, xiv. 428 †
 Pen and Pencil Sketches of, von Hellwald, v. 241 †
 Picturesque, Bryant, xiii. 239 †
 Population and area of, xiii. 27, 28, 689
 Thalassography of, A. Agassiz, x. 477 †
 Trade route, new, between Europe and, Sutherland, viii. 728
 Voyages of Elizabethan Seamen to, Payne, iii. 64 †

America, Central—

- Ancient Cities of the New World, Charnay, ix. 393 †
 Archæology of, Maudslay (Biologia Centrali-Americana), xi. 316 †
 Exploration of Ruins of Copan, Maudslay, viii. 568*; fourth expedition to, *id.*, xi. 239

America, Central—continued—

- Maps of:—Chavanne, iv. 454; Colton, xii. 189; Gavarette, iii. 512; Martin, ii. 718; Rand, McNally & Co., xiv. 510, 581
 Photographs of Nicaragua, Gledhill, xiii. 699
 Railway from Belize to Guatemala, map of projected, xiii. 63
 Ruins in Yucatan and, Charnay, v. 44, 45
 Volcanic and earthquake regions of, Hancock, v. 669
- America, North—**
 Cabot, J. and S., Voyages in, Harris, iv. 773 †
 Cities, States, etc., of, Hesse-Wartegg, ii. 201*
 Colonies of Northmen and Portuguese in, Search for, Haliburton, vii. 25*
 Culminating point of, Heilprin on, xii. 754
 Deserts of, compared with those of N. Africa and India, Walther, xiv. 180
 Discoveries of the French in West and South of, Margry, iv. 122, x. 742 †
 Exploration in, fields for, vii. 586
 Forests of, map accompanying report on, Sargent, vii. 560; of Pacific Region, xii. 430
 Former connection with Eastern side of Atlantic, Boyd-Dawkins, vi. 682
 Fourteen Months in, Cte. de Turenne, i. 286 †
 Fremont's work in, xii. 563
 Frozen soil in, depth of, ii. 579, vii. 761
 Geographical researches in, vi. 585, 586
 Geography of, for Schools, Longman, xii. 642 †
 Horizontal Configuration and Composition of, Ullrich, v. 373 †
 Ice Age in, Wright, xii. 302 †
 Immigration as means of development of, xi. 417
 Journeys in, Cotteau, ii. 590 †
 La Salle's explorations in, ii. 320
 Latitudes, incorrect, of Early Writers, Shaffers, iv. 247 †
 Maps of:—Bamberg (school wall), iii. 256; Chamberlin, vii. 267; Kiepert (physical, wall), viii. 413; Keith Johnston, ix. 593
 Mediterranean Shores of (California), Remondino, xiv. 573 †
 North-West Coast of, Jacobsen's Journey on, Woldt, vi. 610, x. 178 †; Voyages of Discovery on, 1639-1603, x. 742 †
 Picturesque, Bryan, ii. 71 †
 Prairies of, animals of, xiv. 88; fires, destructiveness of, xiv. 96; why are they treeless? Christie, xiv. 78*; *id.*, Whitney, xiv. 81
 Rambles in, Murphy, i. 406 †
 Scamper through, Hudson, v. 49 †
 Selkirk Range in, Topham, xiii. 554*
 Sketches of, von Oesterreichen, i. 152 †
 Stanford's Compendium of Geography

America, North—continued—
and Travel, Hayden and Selwyn, v. 432 †

Time standards of, universal, ii. 581
Trans-Continental pathways of, Hayes, xii. 292

Vegetation, distribution of, Sargent, viii. 608

Wanderings in the Western land, Vivian, ii. 72 †

Western Avernus, Roberts, ix. 461 †

America, North-Western—

Journeys of David Thompson in, Tyrell, xi. 121 †

Map of part of, Johnston, ii. 718

M. M. Krause's expedition to, iv. 567

America, South—

Around and About, Vincent, xii. 362 †

Biographies of Travellers in, Schumacher, v. 746 †

Coasts of, surveys of, ii. 419; v. 594

Discoveries of the French in, Margry, i. 285 †

Expeditions in:—Crevaux, ii. 195, iv. 547; Monnier, x. 471; Piquart, iii. 759; Pratt, xiv. 326; von Schenck, iv. 177; Thouar, v. 174; Wiener, iii. 738

Explorations in, Thouar, xiii. 240 †

Gallenga's Work on, ii. 783 †

Geography, physical, some points of, Ball, iv. 624

Hubbard's Work on, xiii. 376 †

Immigration as means of development of, xi. 419

Journeys in, Cotteau, ii. 590 †; Crevaux, v. 118 †; D'Ursel, i. 406 †

Languages of, Brinton, xiv. 427 †

Map of, Handtke, xi. 467; Klepert, iv. 711

Notes of a naturalist in, Ball, ix. 261 †

Railways in, vi. 590; map of, vii. 776

Republics of, maps of, Bianconi, x. 747

Rivers of, map of, Crevaux, v. 309

Sketches of, von Oesterreichen, i. 152 †

Visit to, Clark, i. 284 †

Voyage of the *Albatross* from, to West Africa, Benko, xi. 190, 517 †; of the *Falcon* to, Knight, vi. 103 †

American Geographical Society, new, x. 168; expeditions, *see* United States; Missionary expedition to Africa, ii. 45, iii. 163

Americanists, Congress of, at Paris, i. 597; Dr. Helmund's report, xiii. 43

Amorico Vespucci and his alleged first voyage, xiv. 606

A-Mezimá tribe, v. 33, 34

Amhara, Borelli's journey to, xii. 174; his work on the Divisions, Languages, etc., of, xii. 247 †

Amherst, T., remarks on the Solomon Islands, xii. 416

Amias of Formosa, xi. 229

Ami-chou or Anin, China, v. 447

Amicis, E. de, Morocco: Its People and Places, ii. 140 †

Amiens, new plan of, Viénot, ix. 526

Aminof, M., exploration of the Ob and Yenisei rivers, i. 341

Amnat-ul-Zimman, Southern Persia, v. 154

Am Mochu river, v. 617

Amne-machin, ridge of, vii. 170

Am-nok river, Korea, viii. 292, 301, 302

Amoy, trade of, and distances to, from places in Formosa, vii. 5

Ampagnam tin-mine, Malay Peninsula, iv. 394, 395

Amsterdam Island, memorial to Dutch Arctic navigators, in, i. 29; visit of H.M.S. *Raleigh* to, ii. 637

Amsterdam, zero-mark of the tide gauge at, viii. 24

Amu-daria (*see* Oxus), iv. 170, vii. 284, 235, 253; ancient channels of, Kaulbars, x. 182, Erekeret, xiv. 869; diversion of, iii. 728 *and note*; Bonvalot and Capus on, iii. 737; Steppe Routes from Karshi to, Delmar Morgan, iii. 723 †; Surveys of the, Zubof, i. 225 †

Amu i Usboi, i. 537 †

Amunategui, M. L., La Cuestion de Límites entre Chile i la Republica Argentina, ii. 71 †

Amur Region, Memoirs of the Society for the study of, xii. 122 †; Travels in, 1854-56, vol. iii., Von Schrenck, xiv. 570 †

Amur river, ii. 644; ix. 120, 253

Amutu Fall, British Guiana, vii. 523

An District, Arakan, xiv. 411

Ana Guruwe's village, position of, ix. 470

Anamalai or Elephant Hills, S. India, vii. 723

Anarak, Persia, xii. 587

Anasurawa, ix. 806

Anatolia, history, geography, and people of, vi. 306; (Northern), forests and their destruction in, ii. 768

Ancelle, J., explorations au Sénégal depuis l'antiquité jusqu'à nos jours, ix. 317 †

Ancha, Rio, S. America, iii. 717

Anchietta, José d', explorations in Africa, xi. 687

Ancient maps, reproduction of, Marcel and Gaultier, x. 99

Ancobra river, W. Africa, iv. 484; v. 39, 600; survey of, Cameron, iv. 501; gold district of, surveyed by Commander Rumsey, v. 39

Ancon, Bay of, Peru, map of, vi. 363

Andaman, derivation of the name, x. 574

Andaman Islands, iv. 655; viii. 427; natives of, x. 569; Original Inhabitants of, E. H. Man, vii. 485 †; population of, xiii. 612

Andamans, Little, exploration and survey of, Portman, x. 567 *

Andamarea, Peru, xiv. 391

Andean tableland of Bolivia, journey through, 1882, Minchin, iv. 671

Andean watershed of Southern Chili, ix. 580

- Andefort Island, v. 26
 Andemiu Pass, xiv. 16
 Andenes, depth of sea off, ix. 116
 Anderson, A. A., area and population of countries in S. Africa, iii. 4; explorations in South Africa, i. 709; on the Geography of South Central Africa, vi. 19*; Twenty-five Years in South Africa, ix. 779†
 Anderson, Dr. J., English Interchange with Siam in the 17th Century, xii. 300†; the Selungs of the Mergui Archipelago, xii. 434†; remarks on the Irawadi, vi. 303; on "The Lu river of Tibet," ix. 371
 Anderson, G. C., observations on Saghalin Island, ii. 567
 Anderson, J. W., Notes of Travel in Fiji and New Caledonia, iii. 63†; The Prospectors' Handbook, vi. 130†
 Anderson, Major S., obituary of, iii. 671
 Anderson, Richard, Lightning Conductors, viii. 211†
 Anderson, Sir C. H. J., The Lincoln Pocket Guide, ii. 654†
 Anderson or Beghula river, Athabasca district, v. 646
 Andes [see also Andean]—
 Across the Pampas and the, Crawford, vi. 302†
 Bolivian, formation of, iii. 404
 Chilian, Kuelitz's explorations in, xii. 752
 Chilian and Argentine, Gussfeldt's Journey in, vi. 658*; x. 108†
 Colombian, Hettner's Journey in, x. 604†; map, xii. 310
 Eastern, formation of, v. 313, 314
 Equatorial, Geographical Conditions of, Wolf, xiv. 126*; Whympers's Journey Among, iii. 449*, map of, xiv. 350; Travels among, xiv. 263†
 Exploration of, and valley of Rio Limay, Rohde, iii. 244
 Mesta de los, xii. 706†
 Peruvian system of, xiv. 383
 Railway across, photographs of, xiv. 215
 Temperatures, mean, of the, Blake, v. 263, 264
 Temple of the, Inwards, xi. 609†
 Western Cordillera of, v. 250
 Andorra, map of, Deverell, iii. 709; photography of, *id.*, iii. 648
 Andradá, Capt. P. de, journeys in Manica, viii. 507; ix. 621; to Maxinga and the Mazoe, 1881, iv. 417; on the Zambesi, 1881, iv. 372; Report on Manica, xiii. 304†; travels in Africa, v. 382
 Andrade, Mount, Patagonia, height and position of, ix. 384
 Andrae, C. G., Den Danske Gradmaaling, vi. 354†
 Andraikiba crater lake, Madagascar, xiii. 479
 André, M., on the Manahi route from Quito to the Pacific, iii. 488
 Andreas, Dr., Archaeological researches in Persia, i. 333; on Karn Agatch river, v. 712
 Andreasen, on King Charles Land, xii. 175
 Andree, Karl, Geographie des Welthandels, xi. 125†
 Andree, Dr. R., Allgemeiner Handatlas, ii. 335, 720, iii. 125, 447, viii. 415, x. 60; Allgemeiner Vollenkender Atlas, 416; Handatlas, 416; Atlas für die russischen Ostsee-Provinzen, viii. 416
 Andree, R., and A. Seobel, Karte von Afrika, vi. 360, vii. 412, xiv. 201
 Andreievsky, Alaska, iv. 664
 Andrieuf, Lieut., expedition to Nova Zemlya, v. 390
 Andrew, Sir W. P., obituary of, ix. 351; Our Scientific Frontier, ii. 389†
 Andrews, C. C., Brazil, its Conditions and Prospects, ix. 460†
 Andrews, F. C., Conditions of trade in Persia. See Stolze.
 Andriveau-Goujon, E., Carte générale d'Afrique, iii. 512; Navigation à vapeur dans le Bassin de la Méditerranée, etc., (map), xiv. 429; Plan de Paris, i. 153
 Andros, Bahama Islands, Transfer of population of St. Andro to, Robinson on, i. 134
 Andrussoff, Dr., on Russian exploration in the Black Sea, xiv. 628
 Aneroid Barometer, How to use the, by E. Whympers, xiv. 134†; variation of life, xiv. 488
 Aneseran Uplands, Persia, v. 70
 Aneya, town of, Nejd, vi. 389
 Angami Nagi tribe, ix. 39
 Angara river at Irkutsk, Stelling on the volume of, xi. 119
 Angas, G. F., Kufirs illustrated, with Sketches of Scenery in Zululand, i. 201†
 Angavokely Int., Madagascar, xiv. 746
 Angel, M. U., Geografía del Estado de Antioquia in Colombia, xii. 770†
 Angeli, M. G., new route to Timbaktu, ix. 623
 Angeln, Peninsula of, German and Danish languages in, vii. 401
 Angelvy, M., discovery of coal beds in the Rovuma region, vii. 743
 Anglican Melanesian Mission, viii. 547
 Anglo-French agreement as to territories in Africa, xii. 657, 658; frontier on the Gambia, rectification of, xiii. 602
 Anglo-Portuguese Boundary Commission, S. E. Africa, progress of, xiv. 860
 Anglo-Russian Question in Central Asia, Watkins, xiv. 131†
 Anglo-Ango, Lower Congo, position of, xiii. 36
 Angoche and Makua dialects, comparative table of, iv. 605

- Angola, W. Africa, v. 705; vi. 186, 616, 625, 628; German African Society's expedition in, i. 145; Meeloh's explorations in, ii. 778; Trek-Boers' colony in, iii. 588; map of, viii. 413; map illustrating productions and climate of, vii. 493
- Angoni country, Last's Journey to, xii. 224; ix. 177 *
- Angoni (Mangoni) tribe, E. Africa, i. 307, 321; iii. 262, vii. 665; viii. 79-81; xii. 152
- Angora, latitude of, x. 163
- Angra Pequena, S. Africa, vi. 24, 625, 626; alteration of name, x. 39; German expedition to, vi. 474; map of district between Bethanien and, by A. Sehenok, vii. 346; map of, and S. Africa, by Müller and Riemer, vi. 487; plan of, Petermann's *Weltkarte*, vi. 488
- Anguilla, features of, iii. 50
- Anguru tribe, Central Africa, xiii. 272
- Ania tribe, E. Africa, vi. 263
- Animarupu natives, New Guinea, ix. 73
- Anin or Ami-chou, China, v. 447.
- An-ju, town of, viii. 299, 300
- Anjumán pass, Hindu Kush, i. 114
- Ankarata Mountains, Madagascar, xiii. 158, xiv. 742
- Ankel, Otto, *Grundzüge der Landesnatur des Westjordanlandes*, x. 175 †
- Ankitaika, Madagascar, xiii. 160
- Ankoli district, people of, xiv. 413
- Annamalik district, Greenland, viii. 51
- Annam, Empire of, and the Annamites, Silvestre, xi. 513 + *Annuaire* of, and the Annamites, i. 404 †; map of, vii. 200; native atlas of, vi. 159; people and country of, ii. 569
- Annamese, ethnology of the, Harmand, ii. 586
- Annau, Turkistan, iv. 488
- Annenkoff, General, method of laying the Transcaspian railway, xi. 277; on the colonisation of the Transcaspian region, xi. 436
- Anniversary meetings. *See* Royal Geographical Society.
- Anoes island, vii. 173 *note*
- Anquetin, M., on the "Universal Meridian," vi. 48
- Anrep-Elmpt, R., *Die Sandwich-Inseln*, vi. 544 †
- Ansuriyeh race, Asia Minor, vi. 314
- Ansell, W. T., telegram from, respecting Consul O'Neill, v. 719
- Ansted, Prof. D. P., obituary of, ii. 382
- Anstruther, Keith, explorations of Lake Chala, xiii. 608
- Antaimoro tribe, Madagascar, xii. 636
- Antaisaka tribe, xiii. 162
- Antanambalana River, Madagascar, by L. H. Ransôme, xi. 295 *
- Antanànarivo, Madagascar, map of environs of, Roblet, ix. 139; Sibree on, xiv. 737 *
- Antanànarivo Annual and Madagascar Magazine, Sibree and Baron †, vii. 406, ix. 260, xi. 315, xiii. 567, xiv. 341
- Antarctic Regions—
- Expeditions to—German, x. 712; Italian, iii. 659, iv. 547; Swedish and Australian, xii. 166, Whaling, xiv. 244, 415, 473, 637, 862
- Exploration of, British Association Committee on, vii. 675, 747, viii. 739, report, x. 668; Delmar Morgan on, xiii. 632; proposed renewal of, viii. 665, 718; x. 91; proposed Australian expedition for, ix. 309, 443, 576, 622, 757, 768, xi. 177, xiii. 614; Sir E. Onmaney on, vii. 758; review of, iii. 622
- Meteorological stations, French and German, in, v. 378
- Antas, Senhor Martins d', remarks at the anniversary dinner, 1881, iii. 436
- Antelas, height of, x. 454
- Antelias, M., journey up the river Tsiribihy, vi. 454; Madagascar, xiii. 560
- Anthropo-Geography, F. Ratzel †, iv. 447, xiv. 507
- Antigua, Guatemala, described, v. 190.
- Antigua, Colombia, map of state of, ii. 205
- Antilles, A Parisian in the, Quatrelles, v. 679 †; Ethnographical study in the, De Rosny, ix. 134 †; The Lesser, Bulkeley, xi. 752 †; explorations in, Ober, i. 722
- An-ting-hsien, Central Asia, xii. 67
- Antioquia, Columbia, State of, industry of its inhabitants, v. 250 254
- Antisana Mt., Ecuador, iii. 455, xiv. 128; Whympers ascent of, ii. 510
- Anti-Taurus Mts., Asia Minor, vi. 308, 315
- Antofagasta, railway from, to Uyuni and Oruro, Mrs. Grove on the, xiv. 708
- Antonelli, Count P., journey from Assab to Socca, vi. 52
- Antoninus Martyr, Of the Holy Places visited by, translated by A. Stewart, ix. 323 †
- Autotto to Harar, Rimbaud's new route from, x. 39
- Antsirabé, Madagascar, hot springs at, xiii. 478
- Antwerp, Province of, general map of, vi. 173
- Anuchin, D. N., investigation of the caves of Daghestan, v. 391
- Anville, J. d', map of S. E. Tibet, x. 579; Proposition d'une Mesure de la Terre dont il résulte une diminution dans sa circonférence, x. 744 †
- Anyanga country, Togoland, xiv. 499
- Anyauer, latitude and height of, vi. 251
- Anyinaefé village, Gold Coast, viii. 250
- Anyover, Central Africa, v. 482
- Aola river, Guadalcanar Island, x. 363
- Abrangi, or the Heart of the Southern Alps, Ross, xiv. 575 †

- Aoust, M. V. d', on aerial formations of soil, vii. 614; on the orthography of geographical names, v. 176; on the vote of credit for the French possessions on the Congo and Gaboon, viii. 670
- Apalachian range, rainfall of the, x. 284
- Apchéron, Peninsular of, by C. S. Gulbenkian, xiii. 372 †
- Apennines, Central, Prof., Partsch on the principal range of the, xi. 743
- Api, Island of, vii. 252
- Apichana river, Bolivia, v. 336
- Apocopa, ancient town of, Africa, xiii. 528
- Apolobamba, town and river, Bolivia, v. 314, 335
- Apooteria, British Guiana, ii. 474
- Apozul, Baluchistan, British Resident at, xii. 169
- Appel, W., mission to the Congo, iv. 295; death of, iv. 606
- Appleton's Physical Geography, by J. D. Quackenbos, etc., x. 398 †; atlas of the United States, x. 260; Guide to Mexico, Conkling, xiii. 127 †
- Appliances in use in geographical education—Exhibited at Bradford, vii. 724; exhibition of, expenditure on, viii. 463; lectures and discussions, viii. 116, 121, 193, 198; report on, viii. 52; results of, viii. 417–421; lecture on, Keltie, viii. 121
- Appun, Carl F., visit to Mount Roraima, vi. 671
- Aquiry and Purus rivers, Chandless' explorations of, xii. 240
- Aru-bel river, Central Asia, xii. 22
- Arabi Tliyat tribe, xii. 182
- Arabia**—
 Bays of, map showing depths, Weber, x. 675
 Central, Euting's journey in, xii. 357
 Desert of, and Sin. Peninsula, Walther on geology of, x. 394
 Geography of, Al-Hamdâni's, Müller, vi. 685 †
 Journal of travels in, Huber, xiv. 569 †
 Journey in, Deflers, xii. 357; Huber, iii. 184
 Map of parts of (Survey of India), v. 749
 Northern, travels in, Douglady, vi. 382 *; viii. 348 †; x. 314 †; his visit to the rock city of El-Hejjer, i. 454; Documents épigraphiques recueillis dans le nord d'Arabie, *id.*, vi. 683 †
 Northern and Central, new routes through, Blunt, ii. 81 *; journeys in, *id.* iii. 444
 Southern, coasting journey along, Miles, viii. 100
 Yemen, journeys in, Gläser, viii. 134; Harris, xiv. 717
- Arabia Felix, journeys in, Gläser, xi. 113; Schweinfurth, xi. 103, 565
- Arabia Petraea, reconnaissance of, Warren, v. 436
- Arabian Sea, daily weather charts for, xiii. 747
- Arabistan province, S. W. Persia, xii. 513
- Arabs, as astronomers and geographers, xiii. 620; conquests of, in the Mediterranean, xii. 628, 629; in Central Africa, Stevenson, x. 740 †, Wissmann, x. 525 *; in Madagascar, i. 647; occupation of Africa by, early, xiv. 289, 290, 306; sea trade routes to China, used by, iv. 650
- Arachosia, ancient city of, Afghanistan, iii. 84
- Aranguaya, Rio, Brazil, viii. 354; xii. 43, 44
- Araiwaparn, British Guiana, vii. 499, 524
- Arakaj, name and derivation, v. 14 and *note*
- Arakaj, viii. 105; Hill Tracts of, Hughes iv. 322 †; Lieut. Walker's route from, to Burma, xiv. 411
- Arakan range, Manipur, v. 617
- Aral, Lake, Mr. Bateson on the recent fluctuations in the level of, xiv. 318
- Aral, Sea, connection of, with the Caspian, iii. 224; vii. 234*; fisheries of, Nikolsky on, x. 180; Koslowski's discovery of a fresh-water lake near, xiii. 296; new route from the Caspian to, discovered by M. M. Vanuslim, i. 332; survey for railroad to, Schultz, iv. 548
- Ararat, Mount, Markow's ascent of, xi. 109; Journey to, Le Clercy, xiv. 503 †
- Araucanian, settlements in, viii. 533
- Araujo, Lieut.-Col. F. de, report on the Brazilian frontier surveys, ix. 193
- Araúne tribe, S. America, v. 381; xi. 498
- Arawak tribe, xiv. 672, 677, 682
- Araxes, the, name of, i. 161 *note*
- Arbousset, T., Voyage d'Exploration au Nord-est de la Colonie du Cap de Bonne Espérance, i. 201 †
- Archangel, observing station at, xiii. 170
- Archdeacon, Commander, surveys on west coast of England, vii. 798
- Archer, W. J., journey in the Shan states, xi. 242; note on the Laos tribe, vii. 745; Report of Journey in the district of Chiengmai, Siam, x. 539 †; in the Mekong Valley, xiv. 194 †
- Archer river, N. Australia, iii. 103
- Archer's Fiord, viii. 138
- Archibald, E. Douglas, grants of instruments to, v. 415
- Archipelago, Eastern. *See* Malay Archipelago, and Indies, East.
- Arcopongo river, Bolivia, v. 340
- Arctic Regions.** [*See also* Polar]—
 America, arctic coasts of, xiv. 647; map of, v. 630.
 American Expedition to, Bessels, i. 743 †
 An Arctic Province (Alaska), Elliot, ix. 133 †
 Barents Sea, Campaign of 1879 in, Markham, ii. 1 *
 Barrow, Point, experiences at, Ray, vi. 677
 Chart of ocean between Greenland and Nova Zemla, v. 55

Arctic regions—continued—

- Commercial Navigation in Siberian Seas, Nordenskiöld on, ii. 202 †
 Cruise of the *Florence*, 1877-78, Howgate, i. 743 †
 Depths and temperatures of European Arctic seas, maps showing, ii. 714, 715
 Esquimaux, former distribution of, map showing, v. 630
 Expeditions in:—*Alliance* (search for *Jeannette*), iii. 734; American, i. 519, 743 †; ii. 508; Austro-Hungarian, 1872-74, i. 153; Berry (*Jeannette* search), iii. 733; *Corwin* (Wrangell land, etc.), iii. 731, iv. 180; Danish (see Hovgaard), iv. 578, v. 166, 603; Dutch, 1879, i. 330, 669, 705; 1880, ii. 689; 1878-1881, Jansen on, iv. 35*; 1883, v. 348, 603; Gilder, ix. 246; Greely, iii. 735, iv. 171; Hovgaard, iv. 376, 499, 549, 754; *Jeannette* search, iii. 658, 733, 734; McArthur (see Gilder); Markham, i. 668; Nordenskiöld, i. 3. 87, 18, 384, v. 163; Norwegian, xi. 177; projected, 1885, vii. 542; Sibirakoff, ii. 127; Leigh Smith, iii. 731, Markham on, iii. 129*, v. 204*; various (1878), Markham on, i. 16*, (1881), iii. 483, (1882), iv. 606, 688, (1883), v. 176, 177
 Exploration in, Beaumont on, i. 735; discussion at Annapolis on, vii. 819; Greely on, viii. 156*: progress since the foundation of the British Association, Markham on, iii. 678*; summaries of, i. 364, ii. 403-406, iii. 386, iv. 332, 333, v. 377, vi. 366, ix. 350, xi. 412, xii. 3-2
 Flora of, i. 574, 575
 Fossil plants belonging to temperate regions, discovery of, iii. 602
 From the Arctic Ocean to the Yellow Sea, Price, xiv. 426 †
 Frozen soil in, depth of. See Polar.
 Ice, formation of, viii. 163; in European Arctic seas, Gray on, iii. 740, (1881), iii. 659, (1882), iv. 498; movement of, viii. 173
 Island discovered by Johannesen in, x. 382
 Meteorological stations in. See Polar.
 Narrative of Hall's Second Expedition, edit. Nourse, ii. 142 †
Navigatio Septentrionalis, Munk's book so called, v. 680 †
 North-East Passage, history of explorations to find, De Novo y Colson, ii. 591 †; (and North-West) tracts on, Gerritsz, i. 152 †
 Schwatka's Search for Franklin Relics, Gilder, iv. 248 †; Klutschak, iii. 380 †
 The Skipper in Arctic Seas, Clutterbuck, xii. 294 †
 Three years of Arctic Service, Greely, viii. 278 †
 Trade steamers in, iv. 500

Arctic regions—continued—

- Voyages in, McCormick, vi. 236 †; map showing the principal, Holmboe, ii. 463; Nordenskiöld's, 1858-1879, i. 743 †, round Asia and Europe, Hovgaard, iv. 248 †
 Weather in, ix. 683
 Whaling cruise in, Mackintosh, vi. 544 †
Willem Barents, Fourth Voyage of the, 1881, iv. 517 †
 Ardagh, Col. J. C., Carte de la Nouvelle Frontière Turco-Grecque, iv. 447; Feasibility of the Bajan project, ix. 613; Nilometers, xi. 28*; Red Sea Petroleum Deposits, viii. 502*
 Aralakan, Persia, iii. 515
 Ardall, Persia, v. 131, 146
 Ardenne, the Hades of: A Visit to the Caves of Han, v. 497 †
 Ardhe river, ix. 299
 Ardou Mt. and river, Caucasus, xiv. 100, 103
 Arekuna Indians, vii. 501, 502
 Arena, Islas de, of Columbus, xiv. 595
 Arequipa, altitude of, xii. 229
 Aret valley and town, Kafiristan, iii. 288, 289
 Aretaka rapids, Essequibo river, ii. 468
 Arfak Mts., New Guinea, i. 6; vi. 203, 206, 207
 of the Helmund, i. 196, 197
 Argandi, Central Asia, i. 245
 Argentières, Col. del', pass in the Alps, v. 554, viii. 638, 644
 Argentine Geographical Institute, meeting of, ii. 389
 Argentine Lake, Patagonia, ix. 384
Argentine Republic—
 Atlas of, Beyer, ix. 594; Garnier, ii. 720; Geogr. Institute, ix. 397, 728, x. 548, xii. 311
 Bibliographical Annual of, ix. 320 †
 Boundary with Brazil, Survey of, vii. 821, ix. 194; with Chili, iii. 490; Amunategui on, ii. 71 †
 Commerce, etc., of, vii. 695 †, viii. 800 †; *id.*, French, in, vii. 396
 Commercial map of, Bianconi, x. 747
 Description of, Zeballos, xi. 463 †
 Exhibition, 1884, catalogue of, vi. 543 †
 Expeditions in, Bove, vi. 608, viii. 416; for sinking of wells, iii. 594; government, to Pilcomayo, vii. 399; O'Connor, iii. 593
 Geography of, Latzina, x. 742 †
 Geological map of, xiv. 664
 Immigration and emigration, xi. 556; Jenner on, xi. 377
 Map of:—vi. 110; Brakebusch, vii. 837, xiii. 696; Duclout, x. 482; Dufour, ii. 718; for emigrants, x. 115; Hanson, xii. 774; Paz Soldan, ix. 593; Rohde, xii. 773
 Meteorological observations in, Doering, ix. 512
 Notes of a Sojourn in, 1885-90, Turner, xiv. 344 †

Argentine Republic—continued—

- Pampa and Rio Negro territories, map of, iii. 255
 Pampas of, Explorations in, Zeballos, ii. 703
 Railways of, maps and diagrams, x. 258, xi. 402, xii. 573, xiii. 191
 Resources of, Van Bruyssel, xi. 58 †
 Southern Frontier of, and Explorations on the Dio Negro, Zeballos, i. 79 †
 Telegraph map of, Chavanne, xii. 311, 794
 Travels and trigonometrical surveys in, 1875-88, xiv. 664
 Arghesan river, i. 198
 Argus of Melbourne, expeditions to New Guinea, vi. 37, 217
 Arhuaco Indians, S. America, iii. 706, 710
 "Aria Palus" lake, v. 14, and note, 172
 Ariguani, Rio, S. America, iii. 712
 Arinda, Essequibo river, ii. 473
 Ariob river, Afghanistan, i. 618, 626
 Ariob valley, tribes of the, i. 640
 Arizona, note on the territory of, Forbes, v. 687 †
 Arjumand, Northern Persia, v. 67
 Arkansas, county and township maps, Rand, McNally & Co., xiii. 447
 Arkansas Valley, Great, of Western Kansas, iv. 641
 Arkiko, port of, vii. 97, 107
 Arma river, Valley of the, Colombia, v. 250
 Arman mountains, Southern Persia, v. 147
Armenia—
 A., Kurdistan et Mesopotamia, Comte de Cholet, xiv. 569 †
 Economical condition of, Arzruni, i. 740 †
 From the Caucasus to the Persian Gulf, through, Müller-Simonis and Hyvernât, xiv. 724 †
 Highlands of, barometric altitudes in, ii. 708 †
 Russian, journey through, Mme. Chantre, xiv. 807 †
 Russo-Turkish boundary in, map of, iv. 453
 Turkish, etc., Tozer, iii. 115 †
 Work on, Schweiger-Lerchenfeld, i. 148 †
 Armenians in Asia Minor, vi. 312
 Armentia, Father. Voyage on the Beni and Madre de Dios Rivers, x. 741 †, xiii. 185 †
 Armit, Capt., Melbourne Argus expedition under, v. 730, 741, vi. 37, 217, 372
 Armit, W. E., report on the Burke district of N. Queensland, iii. 424
 Armstrong, A., Shantung, xiv. 807 †
 Arnaud-Bey, map of the Bahr-el-Abiad (White Nile), v. 43
 Arnheim land, Mr. Lindsay's explorations through, vi. 290
 Arnold, Sir Edwin, Seas and Lands, xiv. 644 †
 Arnold, Th., The Second Punic War, etc., viii. 340 †; on the Alpine pass of Hannibal, viii. 639, 640

- Arnoldi, Karte der Umgegend vom Hannover, iv. 578
 Arnot, F. S., Among the Garenganze in Central Africa, x. 177 †; at Bailundu, vi. 743; expedition in Central Africa, vii. 119, 426, xi. 406, 607, xii. 667, xiii. 688; Garenganze, or Seven Years' Work in Central Africa, xi. 253 †; grants awarded to, xi. 311; Journey from Natal to Bihé and Benguela, etc., xi. 65 *
 Aroa river, New Guinea, iv. 162
 Aroangwa Posse river, xii. 153
 Aroma district, New Guinea, xiv. 863
 Aromata, promontory of, Ancient Africa, xiii. 529, 530, 548
 Aróssa tribe, E. Africa, vi. 265
 Arpatallek pass, Turkestan, xiv. 782
 Arrowak tribe, viii. 191
 Arrowsmith, J., map of Africa, xii. 644
 Arsinkirú, Northern Persia, v. 61
 Arsuk Fjord, degrees of temperature in, vi. 575, 576
 Artaria & Co., army map of Austria-Hungary, x. 400; Austro-Hungarian railways, ii. 203; Herzegovina, etc., (places and roads), iv. 327; tourist maps of Austrian Alps and other ranges, xiii. 640; Tyrol, South, etc., i. 479; Vienna and environs, ii. 272
 Arthington Fall, West Africa, iii. 22; visit to, Comber and Hartland, iii. 99
 Arthington, R., contribution to the Baptist mission on the Congo, ii. 507
 Arthur, G., Le Congo, viii. 747 †
 Arthur, Mount, Grinnell land, vi. 680
 Arthur, Port, or Lu-Shuan-Kou, ix. 564
 Artillery lake, North America, v. 634
 Aru Archipelago, xiv. 486; Its Inhabitants, Riedel, vii. 346 †
 Arufo town and people, ii. 300
 Arundo glacier, Central Asia, x. 515
 Arusarebe, E. Africa, vi. 733
 Arusha country, vi. 77
 Arusha, tribe from, v. 289
 Arusha-ja-jun, E. Africa, iv. 734
 Aruwimi river, Central Africa, vi. 248, 589, 624; Barttelot's Camp on, xi. 315 †; names of, xi. 269; Stanley's journey along, xi. 263 *; Werner on, xi. 342 *; visit to Major Barttelot's camp on, Werner, xi. 460
 Aryans, the, in Asia Minor, vi. 325
 Arzruni, K., Die ökonomische Lage der Armenier in der Türkei, i. 740 †
 Asafu, gold at, v. 37
 Asante, David, native missionary, viii. 253
 Asau glacier, Caucasus, xiv. 457
 Ashóth, J. von, Bosnien und Herzegowina, xi. 186 †; official tour through, xii. 46
 Ascension, Six Months in, Mrs. Gill, i. 223 †
 Aschersen, P., Bemerkungen zur Karte meiner Reise nach der Kleinen Oase, vii. 486 †; Die Nördliche Isthmus-Wüste Aegyptens, ix. 713 †; journey in

Aschersen—*continued*—

the Nile Delta, ix. 516; on the desert of the Egyptian Isthmus, ix. 585

Asclepiad, species of, in vicinity of Gulrau, viii. 155

Asensio, J. M., Cristoval Colon., xiv. 266 †

Ashanti, Journey into the Interior of, Kirby, vi. 447 *; gold mining and trade of, vi. 449-451; War Office map of, iv. 254

Ashanti tribe, W. Africa, xii. 168

Ashbee, H. S., Bibliography of Tunisia, etc., xii. 246 †; (and A. Graham) Travels in Tunisia, with a Glossary, etc., x. 107 †

Ashburton River, Upper, Explorations in Region of, Favenc, xi. 492 *

Ashcroft, Mr., exploration of the Benué river, ii. 124, 292

Ashe Inlet, Hudson's Straits, x. 561

Ashe, Rev. R. P., on Uganda, xi. 626; remarks on Mr. ... xi. 384; Two Kings of Uganda, xi. 460 †

Ashley, E., remarks at anniversary dinner, 1884, vi. 421

Ashreth, Kafirstan, vi. 7

Asia—

Catalogue of maps, etc., of parts of, xiii. 635 †

Deserts of, Tchihatchef on, iv. 628

Ethnographical distribution in, map showing, v. Haardt, ix. 266

Expeditions in, various, vi. 591, 592

Exploration in, summaries of, i. 353, ii. 406, iii. 390, iv. 333, v. 382, 384, vi. 368, vii. 419, viii. 424, ix. 341, x. 413, 415, xi. 409, xii. 379, xiii. 383, xiv. 369

French colonies in, map showing positions of, Malte-Brun, v. 749

French Scientific Expedition in, Ujfalvy, ii. 269 †

Linguistic and Oriental Essays, Cust, iii. 59 †

Maps of:—Chavanne (physical, wall), iii. 512; Cora, xiv. 269; Habenicht (physical, school), xiii. 445; Keith Johnston, xi. 577; Kiepert (school, wall), i. 752; vii. 271; *id.* (physical, wall), v. 436; Nell, vii. 623; Stanford (orographical), i. 80; wall, ix. 788

Mediaeval researches from Eastern Asiatic sources, Bretschneider, xi. 510 †

Our Future Highway, Cameron, ii. 199 †

Pacific, coast lines of, xiv. 653

Plateau, central, of, Temple on, iv. 614 *

Population and cultivable area of, xiii. 27, 28, 689

Progress of knowledge of, during fifty years, Temple on, iii. 610

Railways in, progress of, vi. 596; scheme of, across, xi. 563

Russia in, map of, Jirselen, i. 157

Russian Goedetical Explorations in, 1888, xi. 393 †; geographical work in, xiv. 719; Railway Advance into, Dobson,

Asia—*continued*—

xii. 435 †; Travellers in, 1854-80, Venukoff, iii. 61 †

Stanford's Compendium of Geography and Travel, ed. Temple, iv. 514 †

Through the Heart of, Bonvalot, transl. Pitman, xi. 117 †

Travels in, various, i. 76 †

Asia, Central. [See also Trans-Caspian, and Turkistan.]

Across, Moser, viii. 275 †

Afghan Boundary, Negotiations between Russia and Great Britain, 1872-85, ix. 649 †

Agriculture and manufactures of, xiii. 21, 22

Anglo-Russian Boundaries in, Kouroptakine, i. 405 †

Anthropological Results of Journey in, Ujfalvy, i. 811 †

Benoit de Goës, Missionary Traveller in, Brucker, i. 477 †

Chain of, divisions of the, v. 612

Chinese relations with, history of, ii. 490

Correspondence respecting, ix. 136, 712 †, x. 395, xi. 54

Documents on, Imbault-Huart, iii. 247 †

En Asia Centrale, Bonvalot †, vi. 424, vii. 617

Ethnographical map of, v. Haardt, viii. 268

Expeditions in:—xiii. 183 †; Blanc, xiii. 123, 180; Bogdanowitsch (map), xiv. 269; Bolyr, ix. 508; Bonvalot, xii. 38, 45, 98, 175, 234, 235, 467; *id.* and Capus, iii. 737, iv. 103, 189, viii. 721, 796, ix. 245, 307, 457, 509; Carey, ix. 175, * 342, 377, 731 *; Elias, viii. 189; Grombchevsky, xi. 609; xii. 357, 422; xiii. 236; Grum-Grijmaillo, xi. 505, xii. 616; Oshanin, i. 591; Pietsoff and Roborovsky, xii. 19*, 98, 161*, 466, xiii. 99 *; Prejevalsky, i. 156 (map), 384; ii. 566, v. 552, ix. 213*, xi. 194 (map); Prince Henry of Orleans, (see Bonvalot); Regel, i. 815, (map), ii. 631, iv. 109; Dutreuil de Rhins, xiii. 561, 725, xiv. 238; Russian, ii. 778, 779, iv. 105, ix. 424, 425, 508, xii. 557; (survey for railway), ii. 68; Younghusband, x. 485 *; xii. 37

Exploration in, progress of, viii. 424

Grodekoff's ride from Samarkand to Herat, Marvin, iii. 59 †

Kulja to Lob Nor, Prejevalsky, i. 147 †

Lakes, desiccation of, Venukoff, viii. 645

L'Asie Centrale, Dutreuil de Rhins, xii. 181 †

Magnetic conditions in, Tillo, xiv. 856

Manual for Russians in, Starchewsky, i. 148 *

Maps of:—Bartholomew, vii. 350; Chavanne, ii. 329; Letts, vii. 411; Russian, Allen, i. 412, Wyld, i. 156;

Asia, Central—continued—

- Newastrand nach Samarkand, Proskowetz, xii. 52 †
 Notes on the C. A. Question, Romanovsky, viii. 411 †
 Pamir Dialects, Studies in, Tomaschek, ii. 781 †
 Plains, great, of, iii. 79
 Prejevalsky, contemplated work on travels in, iii. 179
 Railroads in, viii. 149; survey for, Schultz, iv. 548
 Riverine and lacustrine system of, iv. 615, 616
 Russia in, Bastian on, xiii. 563; Curzon, xi. 698†; commercial mission in, trans. Sarauw, viii. 411; Is she vulnerable in? xi. 570 †
 Russian, Lansdell, vii. 484 †; journey in, *id.* v. 668
 Russo-Chinese frontier in, delimitation of, iii. 736
 Third Journey to, *id.* v. 431 †
 Through, *id.* v. 431 †
 Through the Heart of Asia, Bonvalot, xi. 117 †
 Trade Route of, Peking to Kashgaria, Bell, xii. 57 *
 Travels in, Schlagintweit-Sakunlinsky, i. 810 †
 Zarafshan glacier in, Mushketof's ascent of, ii. 765

Asia, Eastern—

- In the Far East, Count Szechenyi's Journey, Kreitner, iii. 59 †
 Map of, vii. 350, 699
 Sketches of, Von Oesterreichen, i. 152 †
 Voyages of the *Nautilus* and *Aurora* on Coast of, Benko, xiv. 424 †
 Waters of, current and temperatures, Scott, xiv. 724

Asia, Minor—

- Eastern, and Turkish Armenia, Tozer, iii. 115 †
 Explorations in, xiii. 390; Elisief, ix. 428; Von Lushan, x. 103; Ramsay, vi. 219; Ruge, xiv. 814
 Geography, physical and historical, of, Wilson on, vi. 305 *
 Italian occupation on South coast, vi. 323
 Journeys in, American Classical School at Athens, xii. 569 †
 Klein-Asien, Tchihatchef, ix. 519 †
 Map of, Kiepert, xii. 368, xiii. 245, xiv. 137; ancient, x. 546
 Mountain system of, Hogarth on, xiv. 54
 North-Western, maps of, xi. 578
 Orographical and "botanical map" of, Schweiger-Lerchenfeld, i. 157
 Pen and Pencil in, Cochran, x. 106 †
 Ride through, Barkley, xiii. 123 †; Mrs. Scott-Stevenson, iii. 693 †
 Tchihatchef's work in, xii. 765
 Travels in, Humann and Puchstein, xii. 708

Asia, Northern—

- Copy of ancient map of, Nordenskiöld, x. 258

- Russian exploration in, ix. 50, 54

Asia, Western—

- Sea Route from, to China, Notes on the oldest records of, Yule, iv. 649 *
 Stanford's map of countries between Constantinople and Calcutta, i. 157

Asiatic Eskimo or Yu-it, iii. 49

- Asiatic explorers of the Indian Survey, vii. 79, 80, 86

- Asiatic Society, Eastern, Report of, xiii. 691 †; of Bengal, Centenary Review of, vii. 692 †; Royal, Straits Branch, Journal of, † vii. 830, xi. 393, xii. 570

- Asiatic Turkey, Life in, Davis, i. 343 †; Through, Geary, i. 77 †

- Ask, Northern Persia, v. 65

- Askabad and Sarakhs, Lessur's Survey for Railway between, iv. 216, 486 *; Second Journey from, to Ghurian, near Herat, v. 1*, 232

- Askhar Lilang Dagh Range, vii. 572

- Askinuk mountains, Alaska, iv. 665, 666

- Askja, Excursion to, Aug., 1881, Delmar Morgan, iv. 140 *; eruption of, in 1875, iv. 147; extent of lava flood of, Lock on, iii. 741; Iceland's Largest Volcano, Lock, iii. 471 *, iv. 387

- Askwith, G. R., on S. E. New Guinea, ix. 83; on Owen Stanley Range, xii. 221

- Asmar State, i. 113

- Asolat, Northern Persia, v. 61

- Asphoron Peninsula, map showing petroleum wells, etc., iv. 775

- Assab, East Africa, Antonelli's journey from, to Shoa, vi. 52; bay and port of, vi. 629, vii. 111; *id.*, map of, Cora, iv. 580; Italian Colony in, v. 576 †; Italian possessions in, map of, vii. 265; Lake of, viii. 525; Limits of the Turco-Egyptian Sovereignty in, iv. 577 †; Relazione del Progetto di Spedizione ad, Careri and Licata, ii. 655 †

- Assalu, Persia, v. 714

- Assam, v. 617, 619, 620; Administration of, Report on, 1888-89, xiii. 302 †; and Upper Burma, exploration of route between, Needham, x. 377; Forest Administration Report, 1888-89, xiii. 302 †; Northern, explorations in, Woodthorpe and Harman, i. 126; origin and orthography of the name, xi. 90; population of, xiii. 612; railway from, to Burma, ix. 49, 41; Statistical Account of, Hunter, ii. 391 †

- Assam, Upper, communication between and Northern Burma, xiv. 404; explorations in, Hartert, ix. 385, 386; Woodthorpe's Expedition from, to the Irawadi, Macgregor, ix. 19 *

- Assiniboine, Fort, North America, v. 634

- Assinie river, W. Africa, vi. 620

- Assyrian Christians in Kurdistan, Visit to, Riley, viii. 674 †; monuments at Ninrud-Dagh, iv. 568

- Astik-Tag range, Central Asia, xii. 164, 165
 Astor, Mr., on the Loochooan and Aino languages, i. 598
 Astrabad, Northern Persia, v. 75
 Astrolabe bay, New Guinea, v. 511, 512
 Astronomy and geography, relation between, x. 151; Nautical, Raper, xiii. 376 †; Practical, Route Surveying, etc., on the Instruction supplied in, Murkham, iv. 296 *
 Astronomical Diagrams for Schools, Yagg's, xiv. 199; Geography, First School of, Berlioux, i. 151 †; observatories on high mountains, proposed, by the Harvard College Observatory, ix. 249; Work of the Degree-Measurement Bureau, xiv. 662 †
 Astyn-tagh, or Russian range, Central Asia, xiii. 100
 Asu, village of, Persia, v. 66
 Asuncion, Meteorological Observations at, Strachan, viii. 407 †
 Asuncion, Puerto de la, latitude of, xii. 415
 Asupâs river, xiii. 287
 Atacama, Desert of, mineral wealth of, i. 786; Petermann's map of, i. 750; report on Nitrate of Soda and Guano Deposits in, Villanueva, i. 286 †; Province of, Resources of, Vidal Gormaz, ii. 71 †; lake of, xiv. 709
 Atacazo Mt., xiv. 128
 Ata Gânga-la Pass, vii. 76, 320
 Atak country, i. 183; iii. 537; iv. 491; meaning of name, settlements in, etc., v. 2, 13; oases of, Korschin on, ix. 625; trade of, Lessar on, iv. 218
 Ataks, mixed population of the, v. 2 note
 Atam, West Africa, x. 437
 Atanquez, Colombia, i. 692
 Atapurau river, British Guiana, vi. 456
 Atchatezai tribe, Afghanistan, ii. 625
 Ateobu, town of, viii. 251
 Athabasca District, Petitot on, v. 633 *, 667, 728; Indians of the, v. 648; population of, 1879, v. 652, 653
 Athabasca lake, temperatures at, Petitot, v. 654, 655
 Athabasca river, v. 634 et seq.
 Athari (Harar) to Ime, itinerary, vi. 272
 Athens, atlas of, Curtius and Kaupert, i. 160; plan of the new town and its environs, xiv. 429; wall map of ancient, Curtius and Kaupert, iii. 697, iv. 327
 Atherstone, Dr. G., on the proposed African overland railway, i. 271
 Athi, valley of, East Africa, xiii. 103
 Athienû, Cyprus, i. 99
 Athos, excursion to, Neyrat, ii. 521 †; or the Mountain of the Monks, Riley, ix. 517 †
 Atkinson, E. T., Himalayan Districts of the N.W. Provinces of India †, vi. 300, 683; ix. 586; Statistical, etc.; Account of the N.W. Provinces of India †, vi. 354, iv. 388; obituary of, xiii. 399

Atlantic Ocean—

- Barometric pressure over, chart showing, x. 484
 Bathymetrical map of, xi. 399
 Coast lines of, geographical development of, xiv. 646, 652
 Currents of, tested by bottles, vii. 614; and temperatures of, Mathieson on, xiv. 876
 Meteorological observations in, Prince of Monaco, xiv. 622
 Railway from, to Pacific, v. 667
 Temperature, surface, of, chart showing, vi. 614
Atlantic Ocean, North—
 Charts of the, Prince of Monaco, xiv. 271; Siemens & Co., v. 155. *See* U.S. Hydrographic Charts.
 Currents of, chart showing, Prince of Monaco, xiv. 619
 Ice and Ice Movements in, Rodman, xiii. 129 †
 Norwegian Expedition in, Mohn, v. 497 †
 Notes on the, Brown, ii. 523
 Weather charts, synchronous, of, and adjacent continents, i. 158; ix. 330, 398; x. 187, 676
 Atlantis, History of the, Berlioux, v. 240 †
 Atlas mountains, xii. 621, 780; Explorations in, De Perceval, v. 548; De Gorloff, ix. 133; De Perceval, xi. 1 *; Travels in, Thomson, xi. 395 †; Work on, Schnell, xiv. 426 †. [*See also* Morocco.]
 Atlases [for atlases of special countries, *see* those countries].
General, of the Atlantic Ocean.
 iii. 125; B. & C. R. & S. W., Library Reference, xii. 189; Handy Reference, x. 60; Century, xii. 190; Pocket, viii. 480; xii. 255; Black, x. 260; Cassell, Universal, xiii. 247, etc. (*see* Cassell); Hachette, xi. 467, etc. (*see* Hachette); St. Martin, i. 415, etc. (*see* St. Martin); Hartleben, ix. 397; Universal Hand, xiii. 447; Volks, xiv. 271; Keith Johnston, Royal, xiii. 747; Multum in Parvo, xi. 128; T. R. Johnston, Uncrowded, ix. 658; Levasseur, xii. 776; Perthes Pocket, xii. 648; Philip, Handy General, vii. 271; Handy Volume, ix. 466; Popular, vii. 271; Stanford, London, ix. 530, 729, xii. 56; Handy, xiv. 272; Stieler, x. 403, etc. (*see* Stieler); Ward, i. 615
Physical.—Keith Johnston, xiv. 511
School.—Bartholomew, x. 483; xiii. 63, 311; Letts, vii. 272; Longman's, xii. 712; Stanford, for India, i. 615; Stieler, Berghaus, v. 56; Ward, i. 615
Ancient.—Kiepert, xii. 776; Perthes, Pocket, xiv. 884
 At-lesken hills, Central Asia, ix. 426 note
 Atmosphere, upper strata of, Förster, xiii. 437
 Atmospheric Circulation, Grand Currents of, Thomson, xiv. 811 †

- Atmospheric pressure of the globe, xiii.
145, 146; in Russia, distribution of,
xiii. 50
- Atok. *See* Atak.
- Atrato river, Colombia. v. 251
- Atraveso de la Peña, height of, S. America,
vi. 659
- Atrek river, i. 174, 178
- Attak. *See* Atak.
- Attica, maps of, v. 434, ix. 136, xii. 124;
Curtius and Kaupert, iii. 639, vii. 198
- Attok, India, v. 611, 623; the Indus at,
vii. 330, 711
- Atwood's Key not the landing-place of
Columbus, vi. 586
- Aubad, Efat or Ivat, Island of, vii. 105
- Aubert, C. F., Le Litoral de la France de
Dunkerque au Mont Saint-Michel, vi.
53†
- Aubry, M. Aug., on Obock, East Africa,
v. 494; Paris Geographical Society's
medal awarded to, ix. 255; scientific
mission to Shoa and Galla country, vii.
525
- Auckland, map of provincial district of,
vi. 110
- Auckland islands, New Zealand, xi. 515
- Audia, latitude of, x. 162
- Audry, C., Carte des Communications
Postales Maritimes des Lignes Télé-
graphiques du Globe, xiv. 199
- Augouard, Père, expedition to the Congo,
iii. 662, iv. 45, 164, 226
- Angusta river, New Guinea, xii. 694
- Anjila, position of, i. 534
- Auk-att, sacred boundary line of the
Maoris, vii. 201
- Ah-pamir, Darwaz. iv. 412, 414 *note*
- Anrich, H. von, Historischer Ueberblick
über die Kolonisation des Schwarzmeer-
Küstengebiet des Kaukasus, ix. 777†
- Aurora borealis, Temple on the, i. 601
- Australasia—**
Geographical Society of, v. 407, 560;
vii. 674, viii. 193, 422; expedition to
New Guinea, vii. 669, viii. 101, 433;
"Proceedings" of, viii. 719; proposed
Antarctic expedition, xii. 166; Queens-
land Branch, "Proceedings" of, xi.
396†; Victoria Branch, *id.*, ix. 718,
x. 542†
- Library map of, Stanford, xiv. 430
- Picturesque, Cassell, xiv. 878†
- Population and cultivable area of, xiii.
27, 28
- Progress of, During Half a Century, xi.
396†
- Stanford's Compendium of Geography
and Travel, Australasia, Wallace, i.
410†
- Australia—**
A Charcoal Sketch, Cowan, viii. 478†
- Alps of, Lendenfeld's travels in, vii. 218,
xi. 251
- Among Cannibals, Four Years' Travels
in, Lumholtz, xii. 166†
- Atlas of, ix. 66

Australia—continued—

- Bibliography of, Gill, vii. 603†
- Black race of, Miklukho-Maclay on, v.
47
- Coasts of, surveys on, ii. 420, iv. 554,
555, xii. 389, xiii. 298, 397, xiv. 378
- Colonies of, Descriptive and Pictorial
Account of, Wilkins, x. 254†
- Description of, Journet, vii. 433†
- Development of, by immigration, xi. 418
- Dictionary of dates and men of the
time, Heaton, i. 742
- Discovery of, Early, Collingridge, xiv.
878†; Delmar Morgan, xiv. 808†;
History of, Tenison-Woods, vii. 771
- Discoveries in the Regions of, Quirós',
iii. 63, iv. 446†
- Eucra, country N.E. of, map of, Jones,
iii. 255
- Expeditions in:—Lindsay, x. 741,
(1885-86), xi. 650*, (1891-92), xiii. 364,
xiv. 48, 375; Forrest, map showing
route, ii. 464; Winnecke, *id.* vi. 614†
- Exploration in, History of, 1788-1888,
Favenc, x. 743†; Summaries of, i. 362,
ii. 415, iii. 395, iv. 337, v. 384, vi. 371,
372, 594, vii. 423, viii. 433, ix. 344, x.
415, xi. 412, xii. 381, xiii. 395, xiv. 375
- Geography, School, for, Chisholm, x.
543†; Manual of Physical, Wall, ix.
650†
- Glacial period in, Lendenfeld, ix. 208
- Handbook for, Silver and Co., ii. 713†;
and shippers' guide†, vii. 263, x. 179,
xi. 189, xii. 249, xiv. 266
- Journal of a Forgotten Expedition,
Giles, ii. 712†; of Expedition from
De Gray to Port Darwin, 1880,
Forrest, ii. 711†
- Lake Eyre and Musgrave ranges, map
of region between, xii. 711
- Leichardt's expedition in, search for
survivors of, ii. 375, iii. 566; reported
discovery of relics of, iii. 227
- Maps of:—Behr, x. 482; Forrest, i.
750; for teachers, v. 688; from recent
surveys, i. 816; V. Haardt (school
wall), vii. 271, 496; Handtke, xi. 259,
402; Hughes and Turner, ii. 719;
Johnston (school wall), xiii. 574;
Skene, iii. 701; wall, viii. 286
- Meteorological Observations in, Russell,
ix. 718†
- Population and area of, xiii. 689
- Railway, proposed trans-continental, sur-
vey for, i. 212, 392
- Reminiscences of Travel in, Tangye, vi.
106†
- Round the Compass in, Parker, xiv. 662†
- Stuart's track across, vi. 290
- Surveys of latest journeys in, map
showing, ii. 464
- The Far North Country, Newland, x-
543†
- Twice traversed, Giles, xii. 249
- Vocabulary of natives of, xi. 668, 671
- Year-book of, 1885, vii. 619

Australia, Central—

- Expeditions in:—Lindsay, viii. 647; Tietkens, to Lake Amadeus, xiv. 169
- Exploration in, i. 334, ii. 378; Carruthers' report on, xiv. 181; Chewings on, xiii. 343 *
- Musgrave ranges in, Jones on, iv. 549
- Railway extension in, explorations with a view to, Bain, iv. 164

Australia, North—

- Cotton, cultivation of, i. 595
- Melville island, exploration of, Holtze, xiv. 862

Australia, North-West—

- Coast of—Progress of marine survey on, xiii. 298
- Forrest, A., expedition in, i. 277, ii. 126, 512, v. 722; map, iii. 444
- Kimberley district, map to accompany report on, Forrest, v. 751

Australia, South—

- Adelaide, map of, v. 631
- Boundary between Queensland and, plan of, xii. 645
- Country between Adelaide and the sea, map of, v. 630
- Digging, Squatting, etc., in, Mrs. Daly, x. 52 †
- Eastern region of, Topography of, Sanger, iii. 496
- Explorations in, Cornish, ii. 49; Tietkens, i. 723, ii. 436; Winnecke, v. 631, (map), vi. 566
- History and Resources of, Conigrave, viii. 539 †
- History, etc., of, Stow, vii. 696 †
- Lighthouse map of, iv. 191
- Map of, ix. 65
- Nullarbor plain, Jones's exploration of, iii. 229
- Pastoral leases and claims, map showing, xii. 645
- Rainfall map of, Abbott, ii. 334
- Wheat area in, 1870-1882, map showing, v. 630

Australia, South-East—

- Oro-hydrographical sketch of, showing Lendenfeld's routes, ix. 529

Australia, Western—

- Aborigines of, Miss E. Clerke on, xiii. 631
- Benedictine Mission of Nouvelle-Nursie in, Bérangier, i. 408 †
- Coast surveys of, v. 597
- Explorations in:—Carr-Boyd, vi. 157; Gillett, xiv. 243; on Upper Gascoyne and Ashburton rivers, Favenc, xi. 492 *
- Geographical work in, 1870-87, Forrest, ix. 693
- Geography, Physical, of, Robinson, ix. 59 †
- History, etc., of, Favenc, ix. 719 †
- Kimberley, Gold Fields in, Report on, Forrest, viii. 646 †
- Map of, Surveyor-General, iii. 701
- Public Works, Report on, 1885, ix. 322 †

Australia, Western—continued—

- Report, annual general, 1888-89, xii. 641; 1890, Woodward, xiv. 266 †

Australian—

- Expedition for Antarctic exploration, proposed, ix. 309, 443, 576, 622, 757, 768; to New Guinea, under Mr. Cuthbertson, ix. 508, x. 415, 416

Geographical Society. *See* Australasia.

- Hydroid Zoophytes, Catalogue of the, Bale, vii. 695 †

- Longitudes, viii. 343

- Museum, Catalogue of the Echinodermata in, Ramsay, viii. 605 †; of Minerals, Ratte, viii. 605 †; Memoirs of, Lord Howe Island, its Zoology, etc., xi. 515 †

- Race, the, Its Origin, Languages, etc., Curr, x. 254 †

- Austri Cornu, ancient town of Africa, xiii. 528; distance from Rhaptum to, xiii. 546

Austria, Austro-Hungarian Monarchy—

- Archduke Ludwig of, books presented by, to Paris Geographical Society, v. 557

- Atlas of, physical, statistical, Chavanne, iv. 584, v. 120, 312, vi. 112, vii. 271, viii. 480, ix. 789

- Commerce map of, ix. 655; commerce and railway atlas, Niltmann, ix. 526

- Environs of Kaschau and Przelnysl, map of, ii. 591

- Language-map of, xi. 321; of western crown lands of, ix. 137

- Maps of:—x. 184, 257; Administrative, ii. 203, 327, iii. 250; Dolezal-Berg-haus-Gonczy (wall), vi. 752; Government, i. 154, 480, 745, ii. 203, 523, 655, iii. 250, 639, iv. 185, 518, 705, v. 184, 435, 748, vi. 237, 428, 753, vii. 198, 492, 773, viii. 284, 540, ix. 591, 723, x. 184, 321, 673, xi. 321, 637, 756, xii. 309; hypsometrical, xiv. 879; of rivers and places, vii. 697; Rand, McNally & Co., xiv. 268; Ritter, v. 501, vii. 697; Scheda, v. 627; school wall, vii. 272, *id.*, Schultz, iii. 128; Steinhauser, viii. 213; traffic, Liebenow, ii. 656; travelling, Perles, ii. 396; Topographical Staff, notice on, Caruso, x. 805 †

- Military stations in, Artaria's map of, x. 400

- Railway maps of, vii. 198, 199, 773, ix. 209, x. 113, vi. 103; Trampler's, iv. 185

- Railway and postal map of, vi. 753, ix. 209, x. 113; and telegraph, Mach and Maasburg, iii. 382

- Rain map of, Sonklar, iv. 447

- Salzkammergut, map of, ii. 463

- Austria, Lower, tourist map of border ranges of, Freytag, v. 568

- Austria Fiord, Franz-Josef Land, v. 211

- Austrian—Congo expedition, vii. 742; consular posts, sketch map of, vi. 358; deep

Austrian—continued—

- sea exploration, in the Eastern Mediterranean, xiii. 724, xiv. 121; exhibits at Venice G. 731;
 Polar 34,
 292, 41, at
 Jan Mayen, Von Wolgemuth, viii. 537.
 637, 750†; Military Geographical Institute, see Austria, Maps, Government
 Automatic sounder, by J. Dillon, vi. 676
 Answers, Prof., longitudes in Australia, vii. 343
 "Aux Oeufs," or Egg river, North America, v. 640
 Avalanchas, Freshfield on, xiii. 405 *note*
 Avalitian bay, Ptolemy's positions in, xiii. 543
 Ayalle, E., Notes on the British Colonies, v. 682†
 Avar Language, Caucasus, Baron Uslar, xi. 392†
 Aveiro, plan of the Port of Rio de, x. 748
 Ay-cha'ars, tribe of, Asia Minor, vi. 314
 Awabundali and Awamesuko tribes, xiii. 89, 90
 Awakukwe, country of the, xiii. 89
 Awamwamba tribe, Central Africa, xiii. 86, 88
 Awaungu tribe, Central Africa, xiii. 96
 Awemba people, East Africa, v. 690
 Awiwa hills, Central Africa, iii. 267, v. 690
 Ayacucho, La Paz de, xii. 705†
 Ayâl Achmet tribe, vii. 629
 Ayis-iyiniwok Indians, v. 649
 Aylward, A., The Transvaal of To-day, i. 202†
 Aymonier, Captain, explorations in Indo-China, vii. 253
 Aymoré Indians, Brazil, x. 82
 Aynstie stream, Gold Coast, v. 37
 Ayolas, Captain Juan de, Exploration of the Gran Chaco, xi. 134
 Ayopaya river, tributary of the Beni, Bolivia, v. 314
 Ayth or Edd, port of, purchase of, vii. 106
 Ayuna river, Bolivia, v. 339
 Azad ed Dowleh Dilihani or Band i Amir, xiii. 289 *and note*
 Azad Khan, Sirdar, v. 720
 Azania country, xiii. 514
 Azémar, H., Dictionnaire Stieng, ix. 587†
 Azevedo, M. A. P. d', Map of Madeira, v. 429
 Azof, Sea of, explorations in, Spindler, xiv. 123; salinity of, xiv. 462; waters of the, Kuznetzof, x. 596
 Azores, The, currents round, tested by floats, xiv. 620; Early Cartography of, Filippo, xiv. 865†; History of, xiii. 639†; meteorological observations on, xiv. 623; Walker's work on, viii. 402†
 Aztecs, the, of Mexico, v. 266
 Azuay, Mount, S. America, xiv. 127; Province of, Ecuador, v. 353
 Azupiza river, expedition to, La Combe, xiv. 504†

B

- Ba-. For African tribes beginning thus, see also under Wa-
 Ba-Ati tribe, Mobangi river, xi. 327, 328
 Baba-durmaz, Turkistan, iv. 489, v. 2
 Ba-bangi or Ba-Tansi tribe, vii. 360, 361
 Ba-be lake, Tonking, viii. 221
 Bab-el-Mandeb, Straits of, vii. 97
 Bab-el Mekaniij, ix. 674
 Baber, E. Colborne, on China, v. 441*; curiosities of travel on the Tibetan border, v. 673; Gill's "River of Golden Sand," condensed by, vi. 99†; journey to Ta-chien-lu, i. 719; obituary of, xii. 468; presentation of patron's medal to, v. 417, 420, 421; remarks on Formosa, vii. 20
 Baber, Emperor, journeys in the mountain frontier of British India, i. 40*
 Bab'in, C. and Houssay, F., A travers la Perse Méridionale, xiv. 723†
 Babúa country, reported lake in the, v. 35
 Ba-buma tribe, vii. 356, 357
 Babwendé tribe, West Africa, v. 706
 Babylon, ancient, and surrounding ruins, map of, Trelawney Saunders, viii. 479
Bacchante, cruise of the, 1879-82, viii. 476†
 Bachenski, Captain, expedition to Central Asia, xiii. 557
 Back, Admiral Sir George, obituary of, i. 70; visit to Lake Athabasca, v. 648
 Backhouse, Mr., v. 322
 Backlund, O., Anteckningar från trene resor i norra Ryssland, xiv. 865†
 Bic-le, Southern China, viii. 242, xiii. 250, 251
 Bue-ninh, town, viii. 224
 Bacon, G. W., Atlas of the World, ix. 268; Map of Scotland, new popular series, xiv. 663
 Bacon, Thomas, First Impressions from Nature in Hindostan, xiii. 308†
 Bradagry, West Africa, xii. 600
 Badakshan, Matveyeff's journey into, ii. 249
 Baddeley's Thorough Guides†:—Eastern Counties, viii. 283; English Lake District, ii. 587, xi. 508; Highlands, the Northern, of Scotland, iii. 573, v. 430, ix. 458, 586; Ireland, ix. 648; Orkney and Shetland, viii. 473; Peak District of Derbyshire, etc., iv. 439; Scotland, vii. 771, viii. 746; Wales, North, vii. 771, ix. 458
 Baden, etc., map of, Rachel, x. 545
 Baden, village of, Persia, v. 138, 139
 Badghis, Afghanistan, v. 15, 17, vii. 278, 285, 288, 563, 565, viii. 145
 Badillo, Rio, U.S. Colombia, iii. 709
 Badoujs of Java, Jacobs and Meyer on the, xiii. 561
 Baedeker's Handbooks†:—Alps, Eastern, i. 477, xiii. 567; Belgium and Holland, vii. 771, x. 735, xiii. 567; France,

Baedeker's Handbooks—continued—

- North, xi. 458; France, Northern, vii. 127; France, Southern, and Corsica, vii. 127, xiii. 238; Germany, Northern, viii. 533, xii. 568; Germany, Southern, and Austria, ix. 648, xiii. 440; Great Britain, ix. 709, xii. 637; Greece, xi. 114, v. 366; Italy, v. 367, viii. 402, 533, ix. 315, xii. 567, xiv. 340; London and its Environs, iii. 502, ix. 648, xi. 566; Norway and Sweden, i. 740, vii. 771, xi. 458; Rhine, iv. 439, ix. 453, xi. 508; Russia, West and Mid., v. 366; Switzerland, etc., i. 477, vii. 696, xi. 566
- Baena, Visconde de Sanches de, on Diogo Cão's memorial stone, xi. 579
- Baert, Lieut., Explorations of the Ngala River, ix. 303, xi. 344
- Baetzman, M. F., on Nansen's Arctic Expedition, xii. 566
- Baffin Bay, hydrographical observations in, vi. 577
- Baffin Land, Eisverhältnisse von (map), Boas, x. 745; Eskimos of, their Dwellings and Migrations, Boas, vii. 407 †
- Baffin, William, Voyage to Hudson's Bay, x. 552; Voyages of, 1612-1622, iii. 764 †
- Bafodia, Sierra Leone, xiv. 444
- Baghdad, roads and railways starting from, v. 124, 186
- Bagh-i-wasch village, Persia, v. 144
- Baghrash Lake, Central Asia, xii. 83
- Bagidā, W. Africa, vii. 378
- Baginze, Mount, ix. 293, 315
- Bagna Pesili tribe and town, Central Africa, x. 526, 528
- Bagrada, Basin of the, Tissot, iii. 504
- Bagrām, plain of, i. 118, 119
- Bagster, Rev. W. W., Expedition to the Bihé Plateau, iii. 663
- Bagtché village, Syria, viii. 97
- Baguet, M., Christophe Colomb, xiv. 730 †
- Bahama Islands, Blake on, ix. 579; Eggers, Baron, work on, xiv. 808 †; The Land of the Pink Pearl, Powles, x. 478 †
- Bahia, Province of, Næher, iv. 444 †
- Bahima race, *see* Bahuma
- Balmeshir Channel, Karun River, xii. 516, 529
- Balrein Islands, Persian Gulf, Bent on, xii. 1 *; Portuguese occupation of, xii. 10, 11
- Bahr-el-Abiad (White Nile), map of, Arnaud-Bey, v. 43; (and B-el-Seráf), map of Murno's survey of, iii. 768
- Bahr-el-Arab, ix. 294
- Bahr-el-Ghazal, v. 483; mouth of, position of, xi. 644; Region of, Lupton on the, vi. 152, 245 *; map of Murno's surveys in, iv. 453; Sudds on the, and B-el-Gebel, ix. 400
- Bahr-el-Warshal or Makúa Lake, v. 35
- Bahr Yusuf, or Jusuf, ix. 608, 614; its present state and uses, Capt. Brown, ix. 614
- Bahringo Lake, E. Africa, *see* Baringo
- Bahuma Tribe, xiv. 413, 832 †. *See* Wahuma.
- Baikal, Lake, viii. 127; exploration of, Tchersky, i. 281; geological map of, *id.*, ix. 51
- Bailadilas hills, India, i. 373
- Bailey, Capt. G. W., Alaska and its People, viii. 674 †
- Bailey, Major F., on the Forests of British India, vii. 668; The Indian Forest Survey and School, vii. 748, 749
- Baillie, A. F., A Paraguayan Treasure, ix. 520 †; Kurrachee, Past, Present, and Future, xii. 434 †
- Baillie, Major-General John, obituary of, xi. 246
- Bailunda, expulsion of the American missionaries from, vi. 743
- Bain, D. B., explorations in Central Australia, with a view to railway extension, iv. 164
- Bain, Sir Jas., Remarks on South China Borderlands, iv. 761
- Baines, Thomas, African Traveller, Memorial Tablet erected at Durham, v. 87
- Bainier, P. F., La géographie appliquée à la marine, au commerce, etc., i. 345 †
- Baird, Capt. A. W., International Geographical Congress, Venice, 1881, iii. 749 *; Tidal Observations in India, i. 445
- Bajaws, or sea-gipsies, Malay Archipelago, v. 91
- Bajistān, Persia, xii. 593, 594
- Bakairi tribe, viii. 521
- Bakangai territory, ix. 406
- Baker, A., Indian races of Vera Cruz, Mexico, ix. 568 *; on the trade of Vera Cruz, x. 384
- Baker, G. P., explorations in the Caucasus, xiii. 389; Travel and Ascents in the Basardjusi District, Daghestan, xiii. 313 *
- Baker, Lieut. J., position of Gondokoro of, xi. 643
- Baker Pasha, V., War in Bulgaria, i. 343 †
- Baker, Rev. S. W., account of volcanic eruption in the Friendly Islands, viii. 49
- Baker, Sir Samuel, Cyprus as I saw it in 1879, i. 808 †; on King Mtesa of Uganda, v. 480; on the proposed African overland telegraph, i. 268; on Mr. Stanley's letter, xi. 380; Wild Beasts and their Ways, xii. 771 †
- Baker, W. S., Realistic Elementary Geography, xi. 517 †
- Bakhtegān lake, xiii. 289 *and note*
- Bakhtiari country, Mrs. Bishop on, xiii. 633; hills, v. 150, 152; tribes, v. 125, 131, 133, xii. 522, 542, 544
- Bakkak Kotal pass, ix. 103
- Bokohur, ancient city of, vii. 280
- Ba-Kombe or Ba-Nyombe tribe, x. 301, xi. 335, 336
- Bakongo tribe, West Africa, v. 706
- Baku, v. 135, 136; petroleum at, iii. 543, viii. 150; Marzin on, vi. 100 †
- Bakuba country, Silva Porto's Journey to, ix. 733 *; tribe, ix. 642, 616, 617, 756.

- Bakundu country, W. Africa, i. 230, 231, 239; tribe, x. 634
 Bakwileh people, Cameroons, iv. 591
 Baládeh, Northern Persia, v. 62
 Bala-islam, vii. 234, 236
 Bala Murghab and Penjdeh, distance between, vii. 283, 565
 Balance sheets of, R. G. S. i. 461, ii. 441, iii. 427, iv. 427, v. 413, vi. 469, vii. 411, viii. 461, ix. 448, x. 461, xi. 444, xii. 481, xiii. 498, xiv. 480
 Bala Vakhia valley, viii. 45
 Balchashine, M., explorations in Turkestan, ii. 767
 Baldegge, lake, depth of, ix. 686
 Baldrich, J. A., Las Comarcas Virgenes, xii. 640 †
 Baldwin, W. G., African Hunting, from Natal to the Zambesi, i. 202 †
 Bale, W. M., Catalogue of the Australian Hydroid Zoophytes, vii. 695 †
 Balearic islands, an examination of, Phené, ii. 653; Archduke Ludwig of Austria's work on †, iii. 318, v. 179, vi. 606; illustrated, xiii. 440 †
 Balez village, viii. 325
 Baleni, E. Africa, vii. 382, 383
 Balfour, E., Cyclopædia of India, viii. 209 †
 Balfour, T. B., Botany of Socotra, x. 540 †
 Bali, Island of, history, etc., of, Van Eck, ii. 198; Journey in, Jacobs, vi. 751 †
 Balkan, Little, range, v. 172
 Balkau country, map of, Scheda, ii. 464; Vogel, xiii. 309
 Balkan mountains, survey of, ii. 769, 770
 Balkan peninsula—
 Geological map of, Toula, iv. 775
 Growth of Freedom in, Minchin, ix. 258 †
 Lavaleye's work on, trans. Mrs. Thorpe, ix. 815 †
 Lux's Work on, ix. 258 †
 Maps of:—xiv. 738 (wall); Berendsen (wall), v. 56; Freytag, viii. 63; Kiepert, (wall and school), v. 688. (physical), xii. 167; Scheda, xiv. 65; Steinhauser, vii. 884
 Mountain System of the, Steeb, xi. 509 †
 Balkans, Round About the, Cambon, xiii. 52 †; the Save, the Danube, and the, Leger, vi. 168 †
 Balkash, Lake, ix. 427; explorations in neighbourhood of, Kasseff and Ignatieff, ix. 116; Newsky, v. 106; survey of, i. 385
 Balkh Ao river, ix. 107
 Balkhan hills, inhabitants of the, i. 168
note
 Ball, E. A. Reynolds, Mediterranean Winter Resorts, xiii. 183 †
 Ball, John, and the "Alpine Guide," Freshfield on, xii. 106; and Sir J. Hooker, Journal of a Tour in Morocco, i. 149 †; death of, xi. 683; Notes of a Naturalist in South America, ix. 261 †; obituary of, xii. 99; observations during a tour

- Bamo river, New Guinea, xiv. 789
 Bampa harbour, East Africa, v. 691
 Banana, climate of, Dr. Etienne on, xiv. 559
 Banana Point, W. Africa, v. 694, 695, vi. 181, 623
 Bananeira falls, Bolivia, v. 334
 Banbury, G. A. L., Sierra Leone, x. 540 †
 Bancka, map of, alluvial formation in, Posewitz, viii. 608
 Bancroft, H. H., works of †, viii. 602, ix. 58; xii. 487, 640
 Banda or Bandja tribes, vi. 249, ix. 295, 408
 Banda forests of India, condition of, i. 516
 Banda, Timor, and Flores, Mertens on, xi. 459 †
 Bandakor river, Sierra Leone, xiv. 439
 Bandar Gez, Northern Persia, v. 170
 Bandawé, mission station, Lake Nyasa, ii. 429, iv. 227
 Banderas-dagh peak, Syria, viii. 97, 98
 Bandiagara, Africa, x. 165
 Band-i-Amir lakes, and Moore's Bende-meer, ix. 104; Raverty on, ix. 252
 B., vii. 573
 B. Persia, v. 155
 Bandimir river, Persia, v. 139
 Band-i-Nadir, vii. 283, 565
 Band-i-Sakha or Tschalup Mt., vii. 564
 Band-i-Sultan, Turkistan, irrigation schemes in, xiii. 24
 Band-i-Turkistan range, ix. 575
 Bandya tribe, ix. 408
 Bancs, J. F., *Index Geographicus Indicus*, iii. 246 †
 Bangala station, Congo river, vii. 363-368, xi. 343; river, *see* Mongala
 Bangasso river, Central Africa, x. 302, xi. 338
 Bangkok, original map of the route from, to Mekong, v. 375
 Bauguay Island, North Borneo, x. 142
 Bangulu-ngulu tribe, viii. 629
 Bangweolo, Lake, Central Africa, v. 659, 691, vi. 341, vii. 332, 603, 818; races inhabiting, v. 705
 Banks' Islands, S. Pacific, iv. 249
 Baumako. *See* Bamako.
 Banning, Emile, *Le Partage Politique de l'Afrique*, x. 740 †
 Bantu tribes of the Cameroons, iv. 588-595, v. 705, xiv. 545; distribution of, x. 635, 637; Borderland in Western Africa, H. H. Johnston, x. 633 *
 Banunu tribe, West Africa, v. 706, vii. 360, 361
 Banyai tribe, xii. 348
 Banyan tribe, Mozambique, iv. 603
 Banzi Mkuta, attack by, on Mr. Comber, iii. 24
 Banzi tribe, Mobanji river, xi. 337
 Bapst, M. C. S., mission in Daghestan, vi. 235
 Baptist Missions in Africa, i. 234; geographical work of, i. 359
 Bara river, Safid-Koh, i. 45
 Bara country, Madagascar, iv. 527, 531, xi. 300; routes in, iv. 533
 Baraban, L., *À travers la Tunisie*, ix. 587 †
 Barabara river, Guiana, xiv. 668, 674, 676
 Barabasch, Colonel, expedition of, in Manchuria, v. 174
 Bara-bé district, Madagascar, iv. 530
 Baralacha pass and range, Himalayas, v. 616, 624, vii. 709, 713
 Barama river, Guiana, xiv. 668, 676
 Baramanni river, Guiana, xiv. 675
 Baratieri, O., *La Regione tra l'Anseba ed il Barca*, xiv. 870 †
 Barāwa to Wāma, itinerary, vi. 272
 Barbacena, barrancas near, viii. 365, 366
 Barbados, meteorological observations in, x. 593; a West Indian Sanatorium, Noxly, x. 178 †
 Barbara, Bay of, Ptolemy's positions in, xiii. 543
 Barberton, Transvaal, altitude of, x. 439; geological formation of, x. 442; railway to, ix. 503; town of, x. 445
 Barbier, J. V., *Carte de l'Afrique physique*, ii. 527; *Essai d'un Lexique géographique*, ix. 264 †
 Barboa tribe, Central Africa, iv. 685
 Bárcena, M., *Description de la Ciudad del Guadalupe*, iii. 379 †
 Barclay, E., *Mountain Life in Algeria*, iv. 182 †
 Barclay, H. Vere, explorations in Central Australia, i. 334
 Bardāra to Derégomale, itinerary, vi. 272
 Bardi-tan, Persia, v. 714
 Bardsen, Ivar, v. 294
 Barents Sea, Arctic Current of 1879 in, A. H. Markham, ii. 184; ice in, 1884, v. 96
 Barents, Willem, Arctic expedition of, ii. 6, v. 224
 Bares tribes, Madagascar, xii. 636
 Bargati, Central Asia, iii. 346 *note*
 Baring, Mr. W., v. 125, 144; and Captain Wells, journeys in South Western Persia, v. 128, 129
 Barima river, Guiana, xiv. 668, 676
 Baringo, Lake, E. Africa, v. 604, 658, vi. 219, 464, 705, 711, 712
 Barisan range, Sumatra, v. 657
 Bark mountain, Athabasca district, pisolites of, v. 637, 638
 Barker, Capt. D. W., appointment to the Worcester training college, xiv. 408
 Barker, Commander A. S., deep sea soundings in the S. Pacific, viii. 333
 Barkhans, sand of the Kara-kum desert, vii. 232
 Barkhut hills, prolongation of the Paropamisus range, v. 7, vii. 286; pass, Persian boundary, v. 5, 6.
 Barkley, H. C., Ride through Asia Minor and Armenia, xiii. 302 †
 Barkly, Sir Henry, remarks at anniversary dinner, 1886, viii. 470; at evening meetings, i. 242, ii. 264, 353, 487, iii. 18; on General Strachey's address, xi. 451

Barkul, Central Asia, xii. 78, 79
 Barlee, Sir F. P., obituary of, vi. 582
 Barlow, Captain, voyage to Hudson's Bay, x. 553
 Burns, J. W., obituary of, xii. 765
 Baroghil pass, Hindu Kush, i. 111, v. 614
 Barolong tribe, S. Africa, ii. 695
 Bárona river, Nguru country, v. 520, 521
 Barometer, Historical Account of the, by W. Ellis, viii. 674 †
 Barometric oscillations over oceans, xiii. 141
 Barometrical Determinations of Heights in Lebanon, etc., West, xiv. 571 †
 Baron, Rev. R., on the geological structure of Madagascar, xi. 241; journeys in the same, xiv. 738
 Barong Chuidam, Tibet, v. 100
 Barotse country, Coillard's journey to the, vii. 610; tribe, xii. 351
 Barranquilla, port of, Columbia, v. 261
 Barrapatta peak, Himalayas, v. 616
 Barré mountain, viii. 72
 Barren Grounds, the, Athabasca district, v. 651
 Barrero, Monte, San Domingo, x. 239
 Barret, Dr. Paul, L'Afrique Occidentale, La Nature et l'Homme Noir, x. 177 †
 Barri, Somaliland, vii. 380, 633, 634
 Barrington, C. G., on the proposed Antarctic expedition, x. 92
 Barrow, Point, Arctic experiences at, Ray, vi. 677; his report, viii. 474 †; U. S. meteorological station at, iii. 735, v. 378
 Barshor river. *See* Lora.
 Barskonnaski pass, Central Asia, xii. 21.
 Bar-Subtense Survey, Taunier, xiii. 631, 675 *
 Barth, H., expedition on the Niger and Benue, xiii. 450; journey to Timbuktú, iii. 317; Travels and Discoveries in North and Central Africa †, xii. 572, xiv. 260
 Barthélemy-St-Hilaire, J., L'Inde Anglaise, ix. 587 †
Bartholomew, J.—
 Atlases by:—America, Handy General, i. 485; British Empire, ix. 212; British Colonies, Pocket, ix. 140; Canada, Pocket, xii. 311; Commercial Geography, xii. 125; England and Wales, Pocket, ix. 466; Ireland, counties of, iii. 704; *id.*, Pocket, ix. 658; London, Pocket, xi. 467; Paris, Pocket, xi. 467; for Schools, x. 483, xiii. 63, 311; Scotland, Pocket, ix. 466; *id.*, Counties of, iv. 584; World, Century, xii. 190; Globe, Hand, xiv. 203; Handy General, vii. 271; Handy Reference, x. 60; Imperial, xiv. 67; Library Reference, xii. 189; Pocket, viii. 480, xii. 255
 Gazetteer of the British Isles, Statistical and Topographical, ix. 205; of the World, Pocket, x. 607, xiv. 428
 Maps by:—Africa (political), xiii. 378; *id.* Central, xii. 441; Central and

Bartholomew, J.—*continued—*
 South, xiii. 310, xiv. 881; S. Central (political), xii. 645; Asia, Central, vii. 370; British Isles, xiv. 199; (parliamentary), i. 347; Caithness (reduced Ordnance), i. 480; Eastbourne, i. 745; Edinburgh (large scale), vii. 772; England and Wales (tourist's), xiv. 429; Europe, Central (touring), xiii. 641; Haddington and Berwick counties, vi. 545; Hebrides, Outer, vii. 411; Ireland (tourist's), viii. 478; Isle of Skye (reduced Ordnance), vi. 486; Isle of Wight, i. 745; London, Environs of (reduced Ordnance), xiii. 309; (large scale), vii. 773; Lothians and Fife (reduced Ordnance), xiv. 348; Malta and Gozo (geological), xiii. 641; Middlesex, iii. 117; Scotland, vii. 411; (political), i. 154, v. 501, 627, viii. 478, 605, xiii. 309, 641, xiv. 663, 812; (tourist's), xiii. 378; Surrey, vii. 265; United States, vii. 413; World (commercial chart), xiii. 309; (library chart), iii. 381
 Bartoli, M. E., and Ramón, L. P. de, España y sus Colonias, xiv. 566 †
 Bartolomeo, Fra P. da San, A Voyage to the East Indies, xiii. 308 †
 Barton, Lieut., surveys in the Afghanistan expedition, i. 64
 Barttelot, Major, Camp of, on the Aruwimi, xi. 315 †; expedition of, xi. 350; murder of, x. 646
 Barttelot, W. G., Life of E. M. Barttelot, xiii. 59 †
 Barun Luk pass, i. 274
 Barun Tsaidam, Tibet, xiv. 777
 Barwick, Captain, ascent of the Upper Iravadi, xii. 555
 Basardjusi District, Caucasus, Travel and Ascents in, Baker, xiii. 313 *; peak, x. 678, xiii. 313, 319, 320, 322, 325
 Baschin, O., winter in Lapland, xiv. 500
 Basel Missionary Society, Explorations in the Basin of the Volta, vii. 246 *
 Baseleca, S. Africa, i. 241
 Basenga tribe, xii. 348
 Basevi, Capt. J. P., survey work in India, vii. 686, 690
 Basha and Brawdoh rivers, junction of the, v. 615
 Bashahri tribe, i. 447
 Bash Deshik caves, Afghanistan, vii. 565, 589
 Bashil Tau pass, Caucasus, vii. 599 *note*
 Bashilange tribe, iv. 684, v. 164, ix. 390; map of district of, Wissmann, xi. 62
 Bashkaul, Turkistan, iii. 727
 Basht, Southern Persia, v. 160
 Basil pass and glacier, Caucasus, x. 692, xi. 354
 Basilisk Island, China Straits, v. 507
 Basinja tribe, Victoria Nyanza, xiii. 687
 Basongamino. *See* Bassongo.

- Basonge people, v. 164
 Basque - race, language of, Comte de Charencey, x. 388
 Bassa tribe, Benue river, xiii. 454
 Bassano, M. de, on emigration, i. 74
 Bassett, J., Persia, viii. 798 †
 Bässler, Dr., visit to Achin, xiii. 732
 Bassom, Grant, or Costa river, v. 229
 Bassongo Mino tribe, viii. 613, ix. 642
 Bastak, Persia, xii. 579, 595
 Bastian, Dr. A., *Der Papua des dunkeln Inselreiches im Lichte psychologischer Forschung*, vii. 619 †; *Die Culturländer des Alten America*, i. 78 †; Hawaii, v. 682; Indonesien, oder die Inseln des Malayischen Archipels, vi. 424, 631; viii. 101; in Central Asia, xiii. 563; Races of the Brahmaputra, v. 49 †; scientific tour through Persia and Afghanistan, 1880; The Island of Celebes, 1880; Zur Lehre von den Geographischen Provinzen, ix. 322 †
 Basundi tribe, Congo, iii. 555, v. 706
 Basutoland, area and population of, iii. 3; Fourteen Years in, Widdicombe, xiii. 694 †; History of, Darwin, viii. 515 †; Life in, Casalis, xi. 749 †; map of, iii. 120; *id.* Krüger, v. 229; progress of, as a Crown colony, x. 798; Unexplored, Clarke, x. 519 *
 Batak country, excursion in, Rück, ii. 137; Westenberg, xiii. 561
 Batalha-Reis, J., recent Portuguese explorations in Africa, xi. 686
 Batang, Tibet, vi. 75, 317
 Batanga district, W. Africa, visit to, Rutherford, ii. 693
 Batang-Hari, Sumatra, i. 767, 773
 Batang Lupar river, N. Borneo, iii. 196
 Batani Dhuns, i. 51
 Batavia, magnetic, etc., observations at, viii. 409
 Batavia river, N. Australia, iii. 103; plan of, Pennefather, iii. 255
 Batchelor, Rev. J., an Ainu grammar [with the language, etc., of Japan, Chamberlain], ix. 316 †; the Ainu of Japan, xiv. 568 †
 Bateke tribe, Congo, iv. 687, v. 580, 706
 Bates, H. W., Central and South America, Stanford's Compendium, i. 79 †; Death of, and Obituary Notices, xiv. 177, 190, 245 *
 Bateson, W., on fluctuations in the level of Lake Aral, xiv. 318
 Batetela tribe, ix. 776
 Bathgate, J., New Zealand; Its Resources and Prospects, ii. 462 †
 Bathurst, New South Wales, Government map of, v. 310
 Bathy-hypsographical Maps, etc., Ravenstein, viii. 21 *; of the British Islands, British Association Committee on, vii. 675; report of, viii. 740
 Batlao tribes, S. Africa, ii. 695
 Batlekoa tribe, Basutoland, x. 520
 Batoka country, journey in, Holub, x. 647
 Batonga tribe, Upper Zambesi, xi. 219
 Batovy river, viii. 520
 Battaks. *See* Bataks.
 Battle atlas of the nineteenth century, viii. 352
 Batu, limestone caves at, iv. 397
 Batun (Watwa), or Akka, dwarf tribe, v. 174, vi. 590, ix. 295, 407, 646, 776
 Batwana tribe, viii. 649
 Batu Penutol gorge, British North Borneo, x. 14
 Batu Timbang caves, edible birds' nests at, x. 4
 Batu Uko, or Dog rocks, Padas river, x. 18
 Baudens, Lieut. G., on ethnography of Algeria, iv. 61
 Baudens, M., survey of the Red River, Tongking, vii. 550
 Baudin, M., journey in Guinea, ix. 190
 Bandouin, Capt., map of Morocco, vii. 548
 Bauhinias in West Africa, v. 696
 Baumann, Dr. O., *Central Africa*, v. of, x. 107 †; *Phys. u. Geogr. d. A. A.*, x. 50 †; explorations in Victoria Nyanza region, xiv. 634, 804, 858; Fernando Po, x. 396 †; expedition in, x. 45; physical features of, ix. 623; Usambara, xiii. 692 †; explorations in, xi. 39, xii. 421, 615, 667; map of, xi. 195
 Baumgarten, Dr. J., *Deutsch-Africa*, x. 540 †
 Báun and Bamyín, towns of, v. 16
 Baur, C. F., maps by—America, iii. 640, viii. 542; Europe and Mediterranean, iii. 639; world, vii. 772
 Bauro Island, Solomon Islands, xii. 413
 Bavaria—
 Atlas, topographical, of, iii. 126, vii. 416, viii. 283, ix. 265, x. 183, xi. 257, xii. 311, xiii. 377
 Forests of, map of, vii. 491; *id.*, Weber, ii. 463
 Highlands of, tourist map of, xii. 506
 Maps of:—vi. 106; (places), vii. 411; (positions), ix. 265; (relief), Rössel, iii. 251; Arendts, i. 745, ii. 463; general staff, ii. 74, (contoured), iii. 126; Handtke, xiv. 268
 Bavarian Alps, Glacial Formations in, Penck, iv. 646 †
 Bavier, S., *Die Strassen der Schweiz*, i. 281 †
 Baviera, M., explorations in the Western Sahara, ix. 203
 Bayumbo tribe, viii. 637
 Bawara, Bangweolo Lake, vii. 334, 605, Baw-Hay, salt wells at, xiii. 710
 Baxter, Dr., on the Masai, v. 538, 539
 The Falls of the Ogowe, Crampel, vii. 178
 Bayan Gol, Upper, Tibet, xiv. 778
 Bayansi tribe, West Central Africa, v. 577, 580, 706, 707
 Baya river, identification of the Pinarus with, Ainsworth on, vi. 468
 Bayát-Ha-jí, i. 173

- Bayberger, F., map of the Inn glacier moraines, iv. 775; of glacial traces in the Böhmer-Wald, viii. 283; Geographisch-geologische Studien aus dem Böhmerwalde, viii. 310 †
- Bayer, A., Carte du Chemin de Fer Bulgare de Tzaribod-Sophia-Vakarel, x. 673
- Bayle, Ch., award of Paris Geographical Society's medal to, viii. 471
- Bayley Point, Gulf of Carpentaria, iii. 229
- Bayol, Dr., journey on the coast of Senegambia, vi. 297; to the Futa Jallon Highlands, iv. 177, 178, 509; mission to Senegal, v. 173, 236, 298, 561; Voyage en Sénégambie, ix. 779 †
- Baza village, Central Africa, xii. 132
- Baziba tribe, Victoria Nyanza, xiii. 687, 688
- Bazooft, Persia, v. 133
- Beagle, Voyage of the, Darwin, xi. 754 †, xii. 308 †
- Beampingarata mountains, Madagascar, xiii. 368
- Bear Lake river, North America, v. 646
- Bear river, North America, v. 637
- Bear, the, Greely relief ship, vi. 154, 367, 465
- Beardall, Wm., Exploration of the Rufiji River, iii. 308, 641 *
- Beas valley and river, Punjab, v. 616, 617, 620, vii. 709, xiii. 417
- Beasts mountain, Athabasca district, v. 645
- Beaton, D. J., on the new route in N. W. Canada, viii. 729
- Beauleuk, W. N., Rural Italy, xi. 313 †
- Beaugrand, H., on a curious album, viii. 732
- Beaulieu, P. Leroy, L'Algérie et la Tunisie, x. 474 †
- Beaulieu family settlement on the Salt river, v. 643, 648
- Beaumont, Capt., on arctic research, i. 735; on the voyage of the *Eira*, iii. 148
- Beautemps Beaupré, Mount, New Britain, iii. 93, v. 511, ix. 2
- Beavoir, Comte de, Voyage autour du Monde, i. 345 †
- Beavan, Capt. R., on the country between Candahar and Girishik, i. 727, ii. 548; survey work of, iv. 342
- Beaver, Capt., settlement of, in the Bijouga islands, xi. 597
- Beaver glacier, Selkirk range, xiii. 554
- Beaver reef, v. 547
- Beaver Tinney Indians, v. 648, 651
- Beazeley, M., journey through Southern Formosa, vii. 1; on S. W. China, viii. 384; on Korea, viii. 312
- Beccari, Dr. O., explorations in New Guinea, i. 5, 732, vi. 207
- Becher, Capt., Navigation of the Atlantic Ocean, xiv. 875 †
- Becher, H. C., Trip to Mexico, ii. 782 †
- Becher, Mr. on North Korea, xiv. 160
- Béchet, E., Cinq ans de Séjour au Soudan Français, xi. 513 †
- Bechuanaland, Conder on, viii. 739; correspondence respecting †, x. 253, xii. 436; desiccation of, viii. 84-87; irrigation of, viii. 86; Mackenzie on, x. 725 *; map of western part of, xiv. 350; protectorate of, vii. 456; sand-belts and kopjes of, xiii. 2, 3
- Bechnana tribes, ii. 168, 170
- Becker, Captain, xiii. 393; explorations in the Congo region, xii. 553; La Vie en Afrique, ix. 713 †
- Beckerich, A., Carte du Département de la Moselle, vi. 428
- Bedawin. See Bedouin.
- Bedel pass and river, Central Asia, ix. 427, xii. 23
- Beden, position of, xi. 646
- Bed Kotals pass, ii. 231
- Bednor, city of, S. India, vii. 725
- Bedouin, ix. 660; of Mesopotamia, x. 393; with the, journeys in Syria, Hill, xiii. 53 †
- Bedwell, F. le B., R.N., telegraph map of the world, v. 373
- Beebe, Lieut., Greely relief expedition under, iv. 690
- Beerbohm, J., Wanderings in Patagonia, i. 284 †
- Beeren Island, v. 107
- Beerenberg peak, Jan Mayen, iv. 607
- Beeston, Captain, explorations in North Borneo, x. 142
- Beg clan of the Turkomans, iii. 541
- Begg, A., the Canadian Pacific Railway, viii. 727
- Beghula river, Athabasca, v. 646
- Behaim, Martin, globe of, 1492, xiv. 591
- Behbahan, Southern Persia, v. 159, and note
- Behm, Dr., biographical notice of, vi. 292; Geographisches Jahrbuch †, i. 346, iii. 249; on the geographical societies of the world, i. 213
- Behobeho, E. Africa, ii. 108
- Behr, Prof. F., Karte von Australien, x. 482
- Behring Glacier, Alaska, ix. 276
- Behring island, sketch map of, and of Grebnitski harbour, vii. 775
- Behring Sea and Straits, Early Expeditions to, Dall, xiv. 572 †
- Behring Straits, depth and temperature of, map of, Dall, iii. 701; expedition to the coasts and islands of, Krause, iii. 374; surveys N. W. of, by arctic expeditions, i. 413; United States surveys, iii. 47
- Behring, V. J., by P. Lauridsen, viii. 404 †
- Beilán pass, viii. 95
- Beizā Fars, xiii. 290
- Beke, Dr., on Turkish claims in the Red Sea, vii. 94, 95
- Bek-Tepeh Mt., i. 176
- Beland Sefaleh, Persia, v. 77
- Beled el Kadim, Bahrein islands, xii. 10

- Beleta, town, Guinea, ix. 760
 Belford Mt., New Guinea, xi. 606, xii. 200, 211
 Belford, Mr., expedition to Mount Yule, New Guinea, xiii. 229, 430
 Belgian Elephant Expedition, Rankin, iv. 273*; exhibits at the Venice Geographical Congress, iii. 751; explorations north of the Middle Congo, xii. 553; International African Association, expeditions of, i. 1, 207, 273, 361, 362, 512, 535, 537, 589, 787, ii. 123, 411, 432, 562, 626, iii. 660, vii. 393, 399, 551, (of French committee) ii. 123; scientific expedition to the Congo, xii. 464; station at Mpala's village, vi. 88
 Belgians, king of the, African Conference initiated by, vii. 223; elephants presented by, to African expedition, i. 705; endowment to the Congo Free State, vii. 623; prize offered by, iii. 668; vote of congratulation to, by the R.G.S., vii. 537
Belgium—
 Atlas of the towns of, in the sixteenth century, ix. 466
 Geography, Teaching of, in, Du Fief, ix. 129†
 Geological Formation, Influence of, on, Nuvez, ix. 711†; map of, i. 745
 Handbook to, Baedeker, vii. 771†
 Maps of:—Dosserey (physical), iii. 250; Dépôt de la Guerre, iii. 765; National Institute of Geography, xi. 520; Vereecke (relief), iii. 128
 Military forces in, map showing positions of, vii. 198
 Nautical training in, iv. 301
 Provinces of Liège, etc., tourist map of, xii. 308
 Population in, density of, Du Fief's map of, ix. 129
 Railways, etc., of, map of, iii. 251, xiv. 136
 Belgrano, port, Bahia Blanco, v. 600
 Beliafsky, N. N., investigations in the Ust Uri, ix. 431
 Belikan or Nagas river, North Borneo, x. 457
 Belize, port of, British Honduras, v. 203
 Bell, A. P., explorations in Patagonia, xii. 291
 Bell, Ch. N., Continuation of Henry's Journal, xii. 705†; journey in North-West America, vi. 475; Our Northern Waters, vi. 301†; on depth of frozen soil at Winnipeg, viii. 745; The Selkirk Settlement, ix. 715†
 Bell, Clara, translation of Haeckel's Visit to Ceylon, v. 302†
 Bell, Col. Mark L., A Visit to the Káruñ River and Kúm, xi. 313†; explorations in Central Asia, xii. 379; journeys in S. W. Persia, xii. 512; The Great Central Asian Trade Route, xii. 57*
 Bell, Dr. R., explorations of Richmond Gulf, Hudson's Bay, iii. 365; map of
 Bell, Dr. R.—*continued*—
 proposed route of Manitoba and Hudson's Bay Railway, i. 362; On the Commercial Importance of Hudson's Bay and Recent Surveys, iii. 577*; on the depth of Hudson's Bay, x. 550; on the forests of the Rocky Mts., vii. 464; on the prairie fires of North America, xiv. 96; report on Hudson's Bay, iv. 517†; on its topography and geology, vii. 341
 Bell, H., The Great Indian Desert, xi. 631†
 Bell, H. C. P., The Maldivé Islands, vi. 98†
 Bell, Sir F. D., on Dr. J. Haast, vi. 417; on Sir James Hector, xiii. 492
 Bell Island, Franz-Josef Land, v. 205
 Bell Sound, New Guinea, xi. 83
 Bellamy, J., expedition to the Cockscomb Mountains, xi. 542*
 Bellamy, Mount, New Guinea, ii. 315
 Bellamy Peak, Cockscomb range, xi. 548
 Belle, H., Trois Années en Grèce, iv. 114†
 Bellefonds, M. L. de, Carte Hydrographique de la Basse Egypte, etc., iv. 580; obituary of, vi. 381
 Bellemo, Vincenzo, the Travels of Nicolò de Conti, v. 433†
 Bullet, Baron R. de, La Sardaigne à vol d'oiseau en 1882, vi. 235†
 Bellew, Dr. H. W., death of, xiv. 702; on Kafiristan and the Kafirs, ii. 250; the History of Kashgharia, viii. 411†
 Belloc, E., configuration of lake basins of the Pyrenees, xiv. 630; Formes de comblement dans quelques lacs des Pyrénées, xiv. 657†
 Bellot, M. A., on the *Jeanette* expedition, v. 176
 Beloch, Dr. J., Campanien, i. 282†; Die Bevölkerung der Griechisch-Römischen Welt, ix. 462†
 Beloch, P., on the teaching of geography, xii. 670
 Belooch tribes, the, vii. 163
 Belo tribe, Timor, xiii. 562
 Belowti pass, Central Asia, x. 500, xii. 423
 Beltrame, G., Il Fiume Bianco e i Dénka, iv. 182†; Il Sennaar e lo Sciangallah, i. 741†
 B'emba tribe, vii. 603
 Bembo village, viii. 314, 315
 Bemisos, Cilicia Tracheia, xii. 452
 Bena-Kamba, Upper Congo, position of, xiii. 37
 Benamatapa, ruins of, Mashonaland, xiii. 17
 Benares, Life and Work in Kumaon and, Kennedy, vii. 53†
 Bendire, Capt. C., Life Histories of North American Birds, xiv. 873†
 Beneki tribe, Central Africa, v. 164
Bengal—
 Asiatic Society of, Centenary Review of, vii. 692†

- Bengal** Bengal "Qui Hye!"
 Emanuel, viii. 342†
 North-east Frontier of, History of Government Relations with Hill Tribes of, Mackenzie, vi. 607†
 Pilot service, iv. 309 *note*
 Population of, xiii. 612
 South, Among the Wild Tribes of, Mrs. Murray Mitchell, ix. 61†
 Survey work in, xiv. 705
 Trade routes from, to Tibet, Lewin, i. 680
 Tribes and Castes of, Risley, xiv. 60†
 Bengal, Bay of, charts of the, ix. 789
 Bengal Presidency, Government survey maps of, vii. 59; Handbook of, Eastwick, iv. 441†
 Beni Province, Explorations in the, de Rivière, xiv. 729†
 Beni River, South America, iii. 405, 406, v. 385; ascent of the, v. 335; explorations North of, Labre, xi. 496*: Exploration of, 1880-81, Heath, iii. 420, v. 327*: The Basins of the Amaru-mayu and, C. R. Markham, v. 313*
 Beni Amer Country, Lewa H. Smith's Journey in, xiv. 546†
 Beni Arros tribe, Morocco, xi. 488
 Bénier, Captain, visits to Vanikore Island, v. 741
 Beni M'sara tribe, Morocco, xi. 490, xiii. 167
 Benin, expeditions in, xiv. 373; journey in, Carter, xiv. 457; new mountain range in, xiv. 321
 Benin, Gulf of, map of French settlements in, Ballot, xiii. 62
 Benin river, West Africa, x. 762; exploration of, Gallwey, xiv. 322
 Benin tribe, West Africa, xii. 606
 Beni Saf, viii. 733
 Benjamin, S. G. W., Persia and the Persians, ix. 205†
 Benko, J., Die Schiffs-Station der k. und k. Kriegs-Marine in Ost-Asien, xiv. 424†; Reise S. M. Schiffe "Albatross" nach Süd-America, und West Afrika, xi. 190, 517†; Reise S. M. Schiffe "Zrinyi" nach Westindien in 1885 and 1886, x. 179†
 Benndorf, O., and G. Niemann, Reisen in Lykien und Karien, etc., vii. 195†
 Bennet, Capt., on the geography of Asia Minor, vi. 321
 Bennett, C. W., on trade in the provinces of Rio Grande do Sul and São Paulo, Brazil, x. 383
 Bennett, Dr. G., on the Fly river, i. 15
 Bennett expedition to the Arctic Regions, i. 519. [See "Jeanette."]
 Bennett Island, Arctic Sea, iv. 376
 Ben Nevis, force of wind at, xiii. 156; meteorological observations at, xiv. 625
 Benguella, from, to Yacon, Capello and Ivens†, iv. 246, 701; news from interior of, vi. 743; report on, Parsoné, x. 448
- Benoit, Dr., Études sur la toise de Bessel, etc., xiv. 576†
 Bent, J. Th., exploration of the ruins of Zimbabwe, xiii. 35, 105, 608, 722, xiv. 120; explorations in Cilicia Tracheia, xii. 445*, xiii. 390; on Mashona and Matabele lands, xiii. 19; on the Bahrein Islands in the Persian Gulf, xii. 1*; on the Ruins of Mashonaland, xiv. 273*: the Cyclades, vii. 48†; the Tribes of Mashonaland and their Origin, xiv. 870†
 Bentley, Rev. W. H., Dictionary and Grammar of the Kongo Language, etc., ix. 58†; founds station at Manyanga, iv. 45; Journey to Stanley Pool, iii. 362, 553, (map) 768; Life on the Congo, ix. 649†; on King Mukoko of Stanley Pool, v. 288; work on the Congo, iv. 163
 Benue River, vi. 621; Flegel's expedition to, v. 551; Exploration of, Macdonald, xiii. 449*
 Benyowsky, M. A. Count de, Memoirs and Travels, xiii. 639†
 Beplu, Central Asia, xiii. 217
 Beïabers of Morocco, vii. 397
 Berala Bujoh rapid, Malay Peninsula, iv. 408
 Berar, population of, xiii. 612
 Berber, March from, to Kerosko, in 1863, Grant, vi. 326*
 Berbera, port of, Red Sea, position and trade of, vii. 117; itineraries from, iv. 272
 Berbice river, Glaisher's journey on, vii. 613
 Berge, East Africa, v. 518
 Berendsen, O., school wall-map of the Balkan peninsula, v. 56
 Berenger-Féraud, L. J. B., Les Peuplades de la Sénégambie, i. 405†
 Bérengier, Dom J., La Nouvelle-Nursie, Colonie Bénédictine dans l'Australie Occidentale, i. 408†
 Berenice port, ix. 665
 Berens, H. H., obituary of, vi. 380
 Beresford, Lieut., Ascent of Ambrym Volcano, New Hebrides, vi. 129*
 Berg island, v. 97
 Berg, A., Bidrag til Kundskab om Færøerne, xii. 243†
 Berg, L. W. C. van den, Le Hadhrumout et les Colonies Arabes dans l'Archipel Indien, ix. 518†
 Berger, M. Haus, ascent of the volcano Ollagua, South America, xiii. 725
 Berger, Hugo, Geschichte der Wissenschaftlichen Erdkunde der Griechen, xiv. 505†
 Berggren, Professor S., v. 365, 564
 Berghaus, H., maps by:—Africa (physical, wall), iii. 254; Austro-Hungarian kingdom (wall), vi. 752; Europe (communications), viii. 412; Hungary (wall), v. 308; world, ii. 272, 591, v. 51; Physikalischer Atlas, viii. 350, 544, 608, 679, ix. 67, 212, 268, 330, 529, 657, 728,

- Berra, J. A., map of Uruguay, v. 688
 Berrian, Algeria, iv. 359
 Berry, Capt., expedition for the relief of the *Jeannette*, iii. 373, 483, 733; exploration of Wrangell Land, iv. 30-32
 Berry, Sir Graham, and Antarctic exploration, ix. 622
 Berta tribe, Abyssinia, iv. 230
 Bertelli, M., wire pendulum for predicting earthquakes, viii. 598
 Berthelot, S., Vitalité des Mers, i. 346
 Berthoud, Pasteur, journey to Gungunhana's kraal, xiv. 633; on tribes related to the Zulus, v. 285
 Bertrand, A., Departamento de Tarapacá, i. 812
 Berufford, ice off the, ix. 684
 Besagi volcano, Sumatra, v. 657
 Besançon, map of, Depot de la Guerre, iv. 775
 Bessant, W., Captain Cook, xii. 251
 Beschoren, Max, on the Upper Uruguay valley as a field for colonization, ii. 702
 Beske, C. J., Nord-Ostsee Kanal (map of), viii. 751
 Beshna, Persia, xii. 583
 Bessel, Études sur la toise de, Benoit, xiv. 576
 Bessels, E., Die Amerikanische Nordpol-Expedition, i. 743
 Besson, Dr., ascent of Mt. Ambondrombo, Madagascar, xiii. 39
 Besud road between Herat and Kabul, ix. 103
 Beswick, Rev. Th., description of the Kemp-Welsh river of New Guinea, ii. 511
 Betham-Edwards, M., the Roof of France, etc., xii. 243
 Bethel, Maine, sand-polished boulders at, viii. 192
 Bethune, Admiral, obituary of, vi. 380
 Betsho, Caucasus, vii. 598, x. 339; pass of, vii. 599 note, x. 691
 Bet-iboka river, Madagascar, xiv. 744
 Betsiléo, province of, iv. 522
 Betsimisarakaka tribe, Madagascar, xi. 300, 301
 Betsimitatatra, Madagascar, xiv. 742
 Bettencourt, E. A. de, Descobrimentos, guerras e conquistas dos Portuguezes, v. 434, xii. 362
 Brundo river, West Africa, x. 447
 Bevan, G. P., Primer of the Industrial Geography of Great Britain and Ireland, ii. 143; statistical atlas of England, Scotland, and Ireland, iii. 126, 256, 447, 704, iv. 191, 455
 Bevan, T. F., ascent of Aird river, xii. 691; Discovery of two new rivers in British New Guinea, ix. 576, 595*, 766; Expeditions in New Guinea, x. 416; (Fifth), x. 106†, xi. 82*
 Beyer, C., Atlas General de la Republica Argentina, ix. 594; Mapa de la Republica del Paraguay, viii. 608

- Beynen, Lieut. K., Arctic voyages of, i. 26, 30; death of, ii. 36; promoter of arctic research, v. 348
 Beyrich, F., *Geognostische Beobachtungen* G. 604†
 Bezaure, S. de, *Le Fleure Bleu*, i. 404†
 Bezingi glacier, Caucasus, vii. 599, x. 680, xi. 351, 356, xii. 258, xiv. 112; Peaks of the, Holder, xi. 359*
 Bezout island, magnetic attraction near, xiii. 299
 Bezwada town, viii. 694
 Bezzenberger, Dr. A., *Die Kurische Nehrung und ihre Bewohner*, xi. 186†
 Bhaga river, Punjab, vii. 709, 713
 Bhaga Tsaidam, lake, ix. 743
 Bhamo route to Yunnan, iv. 726
 Bharab-Langur pass, xiii. 110
 Bheri river, India, xiii. 418
 Bhewsala lake, Sikkim, iii. 329
 Bhor Ghat incline, W. India, iv. 477
 Bhutan, R.N. and P.A.'s exploration of, x. 420; surveys in, xiii. 414, 415; Report on Explorations in, xi. 568†
 Bhutias of Kumaon and Gurhwal, i. 447, 449, iv. 315
 Bia, Capt., expedition to Katanga, xiv. 860
 Biafo glacier, Karakoram, xvi. 631, 754
 Bianchi, Signor, expedition into Abyssinia, iv. 547; murder of, vii. 115
 Bianco, Andrea, v. 475
 Bianconi, F., maps by—Honduras and Salvador (commercial), xiv. 269; republic of Guatemala, xii. 573; South American republics (commercial, physical, etc.), x. 747
 Biazid, Sultan, shrine of, at Bostam, Persia, v. 79
 Bibliographie Nationale Suisse, Graf, xiv. 566†
 Bibliography, geographical, vii. 343
 Bibliotheca Lindesiana, Earl of Crawford and Balcarres, vii. 129†
 Bibundi, W. Africa, i. 227
 Bickmann, Prof. A. L., *Karte der Bezirks-Hauptmannschaften und der Eisenbahn-Linien im Königl. Böhmen*, vii. 129
 Bida, Journey up the Niger to, Rev. John Milam, iii. 26*
 Bidantso lake, Sikkim, iii. 335, 336, 339
 Biddulph, C. E., Journey across the Great Persian Desert, xiii. 615*
 Biddulph, Major J., on the identification of Bolor or Bihaur, iii. 311; on the Kafir tribes, iii. 280 note, 299; routes near Gilgit, iv. 548; the Tribes of the Hindu Koesli, iii. 318†; tour in Chitral and Yassin, i. 794
 Biddulph, Sir M. A., Pishin and the Routes between India and Candahar, ii. 212*
 Biddulph, Sir R., Cyprus, xi. 622, 705*
 Bieberstein, Baron de, on the trans-Caspian railway, x. 388; on the trans-Siberian railway, x. 246, xi. 47
 Bielefeld, plan of town of, viii. 805
 Bielz, E. A., *Siebenbürgen*, viii. 274
 Bifare, Kebbi river, xiii. 474
 Bigelow, F. H., *New Method for the Discussion of Magnetic Observations*, xiv. 730†
 Bigg-Wither, T. P., obituary of, xiii. 40
 Bignell, Mr., visit to Lake Mistassini, vii. 181
 Bihé, expedition to the plateau of, Bagster, iii. 663; Silva Porto at, ix. 754; trade of, xi. 81
 Bijapur city, Mahratta empire, iv. 461
 Biji, Somaliland, xiii. 662
 Bijnor District, Statistical, Descriptive, etc., Account of, Conybeare, i. 343†
 Bijouga or Bissagos islands, West Africa. 595*
 Bismarck lake, East Africa, vi. 260
 Bilgrami, S. H., Historical and Descriptive sketch of the Nizam's Dominions, xiii. 189†
 Biliotti, E., *L'Isle de Rhodes*, iv. 771†
 Bilisa Káshe lake, Galla country, iv. 372
 Biliton, Island of, History, etc., of, De Groot, x. 176†
 Billingham, G. E., *Geografía de Tarapacá*, ix. 520†; *Reconocimiento Militar del Rio Desaguadero y de la Altiplanicie Andina*, iv. 647†
 Billings, J. S., Report on the Mortality, etc., of the United States, viii. 210†
 Binahi, North Borneo, x. 14
 Binder, Henri, *Au Kurdistan et Mésopotamie et en Perse*, x. 395†; journeys in Kurdistan, x. 101, 173; on the Ued Mzab and its people, xi. 389, 390
 Binger, Capt., *Carte du Haut-Niger*, xii. 710; *Du Niger au Golfe de Guinée*, xiv. 260†; *Eslavage, Islamisme et Christianisme*, xiv. 870†; expeditions in West Africa, xi. 110, 176, xii. 166, 378; reception in Paris, vii. 173
 Binnie, A. R., On Mean Rainfall, xiv. 730†
 Binsar peak, Himalayas, v. 617
 Binué river, Church Missionary Society's expedition up, i. 787, ii. 124; Account of, Hutchinson, ii. 289*; map of, from Djen to Ribago, Flegel, ii. 334. See Benue.
 Biography, National. Dictionary of, Stephen†, ix. 135, x. 609, xi. 517, 754, xii. 439, xiv. 730
 Bionasset, Glacier de, xiv. 551
 Birch, E. W., report on the Keeling Islands, viii. 263
 Birch or Bark mountain, v. 637
 Birchner, Dr. M., journey through Australia, New Guinea, Japan, etc., xiii. 238
 Bird, Admiral, death of, iv. 49
 Bird, C., Geological Map of Yorkshire, iii. 765
 Bird, Isabella L. (Mrs. Bishop, q.v.), *The Golden Chersonese*, v. 300†; *Unbeaten Tracks in Japan*,† ii. 730, vii. 258

- Bird fountain, South-West Africa, v. 465
 Bird island, Indian Ocean, v. 596
 Birds' nest or Elephant islands, Carpenter on, x. 303
Birkus latro, viii. 391
 Birlinger, Dr. A., *Rechtsrheinisches Almanach*, xii. 300†
 Birmania, In, Perucca, viii. 601†
 Birmingham, Handbook of, viii. 797†
 Birrim river, Akim, v. 38
 Birwat G... ..vii. 571
 Bishnoion, vi. 593
 Bishop, Mrs. (*see also* Bird, I. L.), Journeys in Persia and Kurdistan, xiv. 258†; Journey through Lesser Tibet, xiv. 713, 863†; the Bakhtiari country, xiii. 633
 Bishop, N. H., Four Months in a Sneak-Box: a Boat Voyage down the Ohio and Mississippi, ii. 522†
 Bishop, W. H., Old Mexico and her Lost Provinces, vi. 102†
 Bismarck Archipelago, Count Peilou, xii. 238
 Bissagos islands. *See* Bijouga.
 Bissaudu, Sierra Leone, xiv. 450
 Bissau, town of, Bijouga islands, xi. 598
 Bisson, L. de, La Tripolitaine et la Tunisie, iv. 246†
 Bissuel, Capt. H., Les Touaregs du Nord, xi. 188†
 Bithynia, Eastern, Prof. Hirschfeldt's geographical description, iv. 568
 Bi... ..island, vii. 176
 Bizemont, Lieut. de, position of Khartum of, xi. 643
 Bizerta and its Future, iii. 695†
 Bizet, A., Carte de la Grèce, iv. 123
 Bjarnarfjord glacier, Iceland, x. 307
 Bjarne's voyage to Vinland, vii. 30
 Björnorten, Greenland, vi. 538, 539
 Blache, V. deof new geographical389
 Black, A. C., General Atlas of the World, x. 175
 Black, C. B., itinerary through Corsica, x. 175
 Black, C. E. D., geography of the upper course of the Brahmaputra, i. 682; of the Pamir, xiv. 121; Memoir on the Indian Surveys, 1875-1890, xiii. 738†; on the Upper Salween or Lu-tze-Kiang river, v. 604
 Black, Sir George, voyage to Hudson's Bay, x. 555
 Black Forest, Its People and Legends, Séguin, ii. 458†; map of, for tourists, Algermissen, x. 322; Rambles in, Wolff, xii. 569†
 Black Mountain region, Capt. Wahab's survey of, xi. 105, xiii. 557; photographs of, Le Messurier, xiii. 576
 Black River, or Nam Tay, Indo China, xiii. 716, 717
 Black Sea, depth of, xiii. 50; Meydell's observations on the variations in level of, viii. 269; Ostroumoff's report on the Black Sea—*continued*—
 fauna of, xiv. 461; petroleum in the neighbourhood of, viii. 150; Russian scientific exploration of, xiii. 171, 561, xiv. 375; Spindler's deep-sea explorations in, xiv. 122; work on, Luksch and Wolf, viii. 340†
 Blackburn, Rev. J., journey from Mombasa to Mamboia, x. 92
 Blackie, C., Geographical Etymology, ix. 783†
 Blackie, W. G., Commercial Education, x. 318†
 Blackwood's Magazine, Travel, Sport, and Adventure from, xii. 185, 365†
 Bladé, J. F., Géographie Politique du Sud-Ouest de la Gaule Franque, xiv. 865†
 Blaikie, Rev. W. G., Personal Life of David Livingstone, iii. 62†
 Blair, D. R., obituary of, viii. 436
 Blake, H. A., on the Bahamas, ix. 579
 Blakiston, Capt. Thomas W., obituary of, xiii. 728
 Blalauw plateau, Sumatra, x. 657
 Blanc, E., on artesian borings in the Sahara, xi. 389; on the best routes from Northern Africa to the Soudan, xi. 455; travels and investigations in Southern Tunis, xi. 250; journey in Central Asia, xiii. 123, 180; on the Brothers Grijmillo's journey, xiii. 226
 Blanc, Mont, map of, and the valley of Chamounix, v. 683
 Blanchard, E., Dissémination des espèces végétales et animales, vii. 489†
 Blanchard island, China Straits, v. 507
 Blanche peninsula, New Britain, v. 511
 Blanchet, M. L., navigable routes in Cochin China, x. 596, 597
 Blanchot, Colonel, on erosion and its results, xi. 602
 Blanford, H. F., Elementary Geography of India, Burma, and Ceylon, xii. 702†; Guide to the Climates and Weather of India, xi. 509†; Indian Meteorological Memoirs, viii. 671†; on the Herat valley, viii. 152; on the influence of forests on rainfall, ix. 191, x. 40, 98; on the origin and character of the monsoons, ix. 191; Report on the Meteorology of India†, viii. 671, x. 48
 Blanford, W. T., obituary of Frederick Drew, xiv. 52; on geographical results of the Afghan Campaign, iii. 79; Vaughan's journey in Eastern Persia, xii. 595; on the lake region of Sikkim, iii. 338; on North-West Arabia and Nejd, vi. 395; on Jebel Shammar (Nejd), ii. 99
 Blangsted, M. H., on the population of Greenland, ix. 312; on wooden maps from Greenland, viii. 273
 Blantyre, East Africa, climate of, Milne, ix. 305; position of, fixed, O'Neill, vii. 434, 435, 538; starting-point of expeditions, Last, ix. 42, 177, O'Neill, vi. 741, Rankin, vii. 655

- Blau, Dr., death of, i. 280
 Bleek, W. H. J., visit to Panda, 1870, i. 202
 Blencowe, Rev. G., physical geography of Zululand and its borders, i. 324*
 Blesi geysir, Iceland, iv. 132
 Blewit, Lieutenant, volumes of the Mali Kha and Nmai Kha Rivers, xiv. 171, 172
 Blink, Dr., *Der Rhein in den Niederlanden*, xi. 630†; the Congo Territory and its Inhabitants, xiii. 441†
 Bliss, R., Classified Index to Maps in R.G.S.'s Publications, viii. 603†
 Block, Lieutenant, journeys in Greenland, x. 238
 Blondel, M., on the island of Réunion, x. 389
 Bloyet, Capt. A., award of Paris Geographical Society's medal to, viii. 273, 471; on Usagaru, iii. 562
 Blue river, Di-chu or Yang-tsze, vii. 170, ix. 228
 Blue mountain peak, Jamaica, height of, Hall, ix. 579
 Blumentritt, F., *Diccionario Etnográfico de Filipinas*, xii. 244†; expressions peculiar to the Spanish of the Philippines, iv. 574†
 Blunt, Lady Anne, Pilgrimage to Nejd, iii. 188†
 Blunt, W. S., A visit to Jebel Shammar. New Routes through Northern and Central Arabia, ii. 81*; on proposed Indo-Mediterranean railway routes, i. 685; on the Karun river, xii. 530
 Blyden, Edward W., Christianity, Islam, and the Negro Race, x. 50†
 Blytt, Prof., on the laws of distribution, iii. 603, 604; Probable Cause of the Displacement of Beach-lines†, xi. 190, 320
 Board of Trade, instruction in navigation, by the, iv. 302
 Boas, Dr. F., *Die Wohnsitze und Wanderungen der Baffinland-Eskimos*, vii. 407†; explorations in British Columbia, xi. 456, 457; journey to Baffin Land and Cumberland Sound, viii. 456; map of the same, viii. 63; on the central Eskimo, xiii. 307; visit to German Polar station, vii. 612
 Boa-Vista, map of the island of, xi. 62
 Boca del Cerro, Usumacinta river, Guatemala, v. 197
 Bocche di Cattaro, xi. 632
 Bochini river, W. Africa. *See* Kwa.
 Bock, C., expedition to the Chinese frontier, iv. 235; map of Route from Bangkok to the Mekong, v. 375; on Siam, v. 299; Temples and Elephants, Journey through Upper Siam, vi. 53†; The Head-hunters of Borneo, ii. 762†
 Boddam-Whetham, J. W., visit to Mount Roraima, vi. 672, vii. 528; Roraima and British Guiana, i. 687†
 Boddy, A. A., To Kairwan the Holy, vii. 196†
 Bode, Baron, travels in S. W. Persia, xii. 552
 Boden See, depth of, ix. 686; Shores and Cities of, Capper, iii. 58†
 Bodenbender, Dr. W., exploration of the Chilian Andes, x. 168, xii. 752
 Bodenham, C. de la Barre, obituary of, v. 338
 Bodin Peak, Afghanistan, i. 629
 Boehm, Dr., expedition to Lake Tanganyika, etc. *See* Böhm.
 Boehmer, G. H., on Volcanic Eruptions, etc., in Iceland, viii. 747†
 Boom or Boe district, viii. 253
 Boers in South Africa, History of the, Theal, ix. 588†; emigration of, to Damaraland, ii. 317; of Humpata, v. 462, 471
 Bogdanovitch, M., exploration of the Mustag-ata mountains, xii. 88
 Bogdo-ola mountain, Central Asia, xiii. 209, 214, 216
 Bogong, Mount, Australian Alps, Lendenfeld's exploration of, viii. 192
 Bogos country, area and population of, vii. 104; Journeys to the, De Nordeck, viii. 405†; *id.*, Traub, xi. 395†
 Bogos tribe, xiv. 707
 Bogotá, the Cordillera of, xiv. 850
 Boguslawski, Prof., *Handbuch des Ozeanographie*, vi. 236†
 Bohaireh, Caspian, i. 166 *note*
 Bohemia, maps of, *See* Bickmann, vii. 130; general, Koristka, iv. 775, Wagner, v. 183; political divisions, and railways and streets, *id.*, x. 673; Northern, *id.*, ii. 656; Western, *id.*, iii. 640
 Bohemian forest, geographical and geological studies in, Bayberger, viii. 340; maps of glaciation and profiles of lakes in, *id.*, viii. 283
 Böhm, Dr., expedition in East Africa, iv. 571, 572, v. 551, vi. 88; death of, vii. 606
 Böhm, Dr. A., *Die Alten Gletscher der Enns und Steyr*, vii. 765†; *Eintheilung der Ostalpen*, ix. 709†
 Bohndorff, F., *Reisen in Zentral-Africa*, Hassenstein, vii. 693†
 Bohu, Benue river, xiii. 455
 Boid, Capt. A., A Description of the Azores, xiii. 639†
 Boisgobey, F. de, Du Rhin au Nil, ii. 324†
 Bojaëli or Banëa tribe, W. Africa, xi. 564
 Bokalik valley, Tibet, ix. 741
 Bokemeyer, Dr. H., *Die Molukken*, x. 539†
 Bokhara, expedition in Eastern, Schwartz, ix. 432; From London to, Le Mesurier, xii. 52†; journey from, to Krasnovodsk, Bonvalot and Capus, iv. 169; journey in, Maief, i. 66, 356; khanate of, and town, xi. 288, 289; map of Afghan-Bokharan boundary, vi. 238; roads from, iii. 724, 730; Russian expedition to, ix. 432
 Boko, latitude and height of, v. 251
 Bokokimbo river, Guadalupe island, x. 362
 Boko-Songo, Africa, position of, x. 596

- Bokumbi river, W. Africa, vii. 456, viii. 632
 Bolan Pass, ii. 537; explorations of, i. 58, 62; survey of, xiii. 610
 Bolatli, Asia Minor, latitude of, x. 162
 Bolivar, Colombia, v. 252
Bolivia—
 Andean tableland of, journey through, 1882, Minchin, iv. 671 *
 Boundary of, with Chili, i. 785
 Commercial map of, Bianconi, x. 747
 Eastern, and Gran Chaco, Minchin, iii. 401 *
 Explorations in, Guillaume, xi. 694; Hettner, xiii. 47; Labre, xi. 496 *; Thouar, xii. 671; (of the Desaguadero), Billingham, iv. 647 †; (of the Rivers North of), xiii. 185 †; (of those in North), xii. 705 †
 Geographical Dictionary of, xii. 705 †
 Geography of, Notes on, xi. 632 †
 Missions in, Memoir of, Sans, xi. 193 †; to the Mojos, Altamirano, xiv. 63 †
 Nautical Geography of, Vidal-Gormaz, ii. 72 †
 Navigation of the Madre de Dios, Armentia, x. 741 †
 Produce and exports of, iii. 413-415
 Railways to, Robilliard on, xiv. 562; map of route of that to La Paz, Desmond, ii. 528
 Recent visit to, Ellis, xii. 227, 228
 Silver mines of, iv. 674, 675
 Bolóbo, Congo river, v. 575, 579, 702, 709; latitude of, vi. 743; Journey to, H. H. Johnston, v. 692 *
 Bolobo-Moié district, vii. 360
 Bologofsky, Lake, remains of a people of the Stone Age near, v. 392; mountain chain of, i. 126
 Bolor or Bilaur, country of, identification of, Biddulph, iii. 311; Raverty, iii. 663
 Bolton, H. C., Catalogue of Scientific and Technical Periodicals, ix. 521 †
 Bolton, J., on the longitude of Lake Nyasa, i. 526
 Bolyr, Col., Russian expedition into Central Asia under, ix. 508
 Boma, West Africa, v. 694, 697, 703, 710, vi. 181, 182, 624
Bombay—
 Magnetical and Meteorological Observations at, 1888-89, xiii. 302 †
 Mean sea-level at, Walker on, iv. 611
 Murray's Handbook of, iii. 247 †
 Population of, xiii. 682
 Presidency, survey maps of, vii. 58
 Secretariat, Selections from Letters, etc. in, edit. Forrest, † viii. 600, xi. 119
 Surveys in, xiv. 705
 Bombom river, E. Africa, vii. 381, 382
 Bomokandi river, v. 34
 Bompiani, S., Italian Explorers in Africa, xi. 120 †
 Bomsdorff, Th. von, Karte des Königreich Sachsen, iii. 765
 Bon, M. Gustave G., journey in the Himalayas, vii. 395, 826
 Bön tribe, E. Africa, vi. 266
 Bona, Bay of, changes of the coast line of, Fischer on, ix. 242
 Bonaparte, Prince Roland, La Nouvelle Guinée, Le Fleuve Augusta, xi. 319 †; Le Glacier de l'Aletsch et le Lac de Märjelen, xii. 300 †; Le Premier Établissement des Néerlandais à Maurice, xii. 301 †; Les Derniers Voyages des Néerlandais à la Nouvelle Guinée, vii. 408, 482 †; Les Habitants de Suriname, vii. 55 †; Les Premières Nouvelles concernant T. K. katau, vii. 482 †; Les des Néerlandais dans l'Insulinde, vii. 482 †; The Lapps of Finmark, xi. 252 †; Une Excursion en Corse, xiv. 59 †
 Bondei Mts., E. Africa, i. 667
 Bondei tribe, i. 92
 Bondu country, survey of, Fortin and Leforte, x. 379
 Boné, M., bequest to the Imperial Academy of Sciences at Vienna, v. 298
 Bonenschen, Dr. A., Johann de Mandeville und die Quellen seiner Reisebeschreibung, x. 543 †
 Bonga, position of, ix. 189
 Bonga Chutare Nhamuzingo, viii. 512 *note*
 Bongolava Mountains, Madagascar, xiii. 560
 Bonifacio, Corsica, xii. 633
 Bonin Islands, Dr. O. Warburg's journey to the, xiii. 369
 Bonnange, F., Atlas graphique et statistique du commerce de la France, i. 145; Carte de la propriété immobilière des congrégations religieuses en France, iv. 327
 Bonnefont, L., Carte Murale de la France, et de l'Europe, vi. 173; planisphere terrestre, i. 287
 Bonnetain, Paul de, L'Extrême Orient, x. 395 †
 Bonneville, Lake, U.S.A., Physical Geography of, Gilbert, xiii. 305 †
 Bonney, Prof., Address at the Geological Society of London, Feb., 1886, viii. 603 †; on the geology of the central group of the Caucasus, xi. 366; on the Southern Alps of New Zealand, vi. 66; on the scientific aspects of geographical education, viii. 199
 Bonny, W. Africa, vi. 179, 621, x. 759, 761
 Bonola, M., report of Cairo Geographical Society, 1882, iv. 387
 Bonsdorff, A., Zur Bestimmung der Constanten des Erdellipsoïds aus Gradmessungen, xi. 396 †
 Bonstetten, Baron de, Carte archéologique du Canton de Fribourg, i. 154
 Bouvalot, G.—(and Capus), expedition to Central Asia (1880-82), iii. 737, iv. 103, 169, (1886-87), viii. 721, 796, ix. 245, 307, 457, 509; reception in Paris on return, x. 171; (and Prince Henry of Orleans), journey through Central Asia, xii. 38, 45, 98, 175, 234, 235, 467;

Bonvalot, G.—continued—

En Asie Centrale, vi. 421, vii. 617 †;
Through the Heart of Asia, etc., transl.
Pitman, xi. 117 †; De Paris au Tonkin,
xiv. 194 †

Bonwick, J., Climate and Health in South
Africa, ii. 140 †; French colonies and
their resources, viii. 603; the resources
of Queensland, ii. 894

Boos, F. R., Wandkaart van Nederl. Oost-
Indië, iv. 449

Booso, or Obooso, district and people of,
viii. 255, 256

Booth, Sir Henry Gore, search expedition
for Mr. Leigh Smith, iv. 375

Boothby, Richard, early work on Mada-
gascar, i. 652

Bopi river, or La Paz, Bolivia, v. 339

Boquete del valle Hermoso, height of, S.
America, vi. 659

Bör, latitude and longitude of, xi. 644

Bor Abor tribes, vii. 323. *See* Abor.

Borabini, xii. 130

Borai valley, ii. 238

Borcasus æthiopicum, xii. 601

Borchgrave, E. de, La Serbie: administra-
tive, économique et commerciale, viii.
283 †

Bordeaux, Geographical Congress at,
resolution adopted, v. 173, 174; Geo-
graphical Society of, proceedings of,
iii. 562, vi. 177, 178; Société de Géo-
graphie Commerciale de, v. 173; itine-
rary from, to Jerusalem, by the Bordeaux
Pilgrim, transl. Stewart, ix. 323 †

Bordier, M. A., La Colonization Scientifique
et les Colonies Françaises, vi. 544 †; La
Géographie Médicale, vi. 55 †

Bordier's visit to Mt. Blanc, 1772, and
theory as to nature of glaciers, x. 788

Borelli, M. J., divisions, etc., des régions
Amhara, Oromo, et Sidama, xii. 247 †;
Exploration Méridionale, xii. 768 †; explor-
ation des régions Amhara, Oromo, et Sidama,
x. 451, xi.
119, 182, xii. 174; on the course of the
Omo river, xi. 560

Boreyda, town of, Nejd, vi. 389

Borgarfjardarsýsla, hot springs of, Iceland,
vi. 156

Börger, Prof., Berechnung eines einzelnen
Hoch- oder Niedrig-Wassers nach Zeit
und Höhe, xiv. 577 †

Borghu, W. Africa, xii. 610

Borgian map, the second, by Diego Ribero,
reproduced by W. Griggs, ix. 62

Borgnis-Desbordes, Colonel, v. 236, 484;
possession of Murgula, v. 175; surveys
in West Africa, ii. 690, 775, iii. 364, 563.
iv. 46; work on the Niger, v. 86

Borgu. *See* Borghu.

Borneo—

About Borneo and Ceylon, Clutterbuck,
xiii. 738 †

Admiralty surveys on north-east coast,
iv. 553

Gardens of the Sun: Naturalist's Journey
in, Burbidge, ii. 781 †

Borneo—continued—

Handbook of, for Colonial Exhibition, xi.
252 †

Head Hunters of, Bock, iii. 762 †

Het Kongswezen van, De Groot, viii.
600 †

Journey in, Cotteau, vi. 473, 474; Pose-
witz, xi. 512 †

New Maharajahate of Sabak, Schater, i.
121 *

North-Eastern, notes on, Pryer, v. 90 *;
Dutch boundary in, Kindersley on, x.
594 *; Verbeke on, x. 453, 798

Naturalist's travels in, v. 721

Reports and Sketches on, i. 343 †

Surveys in, vi. 378

Tribes of, v. 92

Borneo, British North—

Admiralty surveys off, xiv. 378

Development of, Cook, xi. 693

Gueritz on, vi. 667

Handbook of, xii. 244 †

Journeys in, Daly, x. 1 *; Montano,
iii. 592; Wittl, iv. 691

Maps of, from surveys of B. N. B. Co.,
etc., x. 812

Notes on Sarawak and, Crocker, iii.
193 *

Progress in, v. 350

Summary of Exploration in, Mayne, x.
134 *

The New Ceylon, Hatton, iv. 116 †

Trade, progress of, in, xiv. 710; resources
of, Pryer, x. 797, xi. 376

Bornu, W. Africa, xii. 610

Boro-boro range, Central Asia, ii. 492, xiii.
212; hot-springs in, iii. 158

Borohudsir river, Kuldja, ii. 494

Boronat y Satoire, F., España Geográfica
Historica Illustrada (map), ii. 207

Bororo Indians, Von den Steinen on, xi.
111

Borrow, G., The Bible in Spain, xii. 637 †

Borsari, F., Geografia, etc., della Tripoli-
tania, xi. 253 †; La letteratura degl'
Indigeni Americani, x. 741 †; Le zone
colonizzabili dell'Eritrea, xiv. 807 †;

Una pagina di storia Argentina, x.
542 †

Bort, M. T. de, journey through the
Algerian Sahara, x. 648; mission to
Bir-es-Cof, vii. 401, 551; on the route
from El Golea to Geryville, xiv. 423

Bornki river, tributary of Cougo, vii. 456,
viii. 47, 430

Bosch Velo mountains, Transvaal, x. 250

Bosekop, Lapland, Norwegian meteoro-
logical station at, v. 378. *See* Bossekop.

Bosnia (with Herzegovina, etc.)—

Bosnia Illustrated, Kirchner, i. 283 †

Geological map of, v. Hauer, iii. 64

Maps of, vii. 349, viii. 63; Handtke
(southern), iv. 327; Hauslab (hypsometrical), i. 347, ii. 143; Steinhäuser,
iv. 328

Official Tour through, Asbóth, xii. 46 †

People, History, etc., Hoernes, x. 250 †

Bosnia—continued—

- The Country and its Inhabitants, Schweiger-Lerchenfeld, i. 283 †
 The Land and the People, Strauss, iv. 574 †
 Work on, Asbóth, xi. 186 †
 Boss, Emil, vi. 441, 442; Back bequest awarded to, vi. 340, 418
 Bosschop, Lapland, xiv. 500; meteorological station at, iv. 570, v. 378
 Bossi, B., *La Causa principale dei Terremoti*, etc., x. 110 †
 Bostam, Northern Persia, v. 79
 Botanical Trip in Madagascar, Scott-Elliott, xiii. 158 *
 Botany, Geographical Aspects of, Grisebach, ii. 783 †
 Botella, F. de, España, *Geografía Morfológica y Etiológica*, ix. 586 †
 Bothnia, Gulf of, map of southern part of, viii. 415
 Botocudo Indians, Brazil, x. 63, 71, 72, 80; their botoque, or lip-ornament, x. 73, 80, 81
 Böttcher, E., *Orographie und Hydrographie des Kongobeckens*, xi. 58 †
 Bottego, Captain, excursion in Somaliland, xiii. 722; Nella Terra dei Danakil, xiv. 870 †
 Bouba, Portuguese Guinea, v. 738
 "Boucanes," or subterranean fires, Athabasca, v. 636
 Bouche, Pierre, *Sept Ans en Afrique Occidentale*, vii. 196 †
 Boné, Ami, *Die Europäische Türkei*, xi. 508 †
 Boue, position of, ix. 189
 Bougainville island, natives of, x. 371
 Boinais, Captain A., the Cochín China Contemporary, v. 676 †; Guadeloupe: physique, politique, etc., ii. 523 †
 Bonlim, island of, Trouillet on, v. 558, 559, 738
 Boulanger, M., journeys in Cambodia and Siam, iii. 665
 Boulger, D., Tongkin and the new approach to Yunnan, iv. 643
 Bourbon Island, information on, Pajot, ix. 520 †
 Bourgade, Dr. E. de, journey through Paraguay, x. 167; Le Paraguay, xii. 640 †
 Bourges, map of, Dépôt de la Guerre, iv. 175
 Bourget lake, France, xiv. 556
 Bourke, Capt. J. G., The Snake-dance of the Moquis of Arizona, etc., vii. 407 †
 Bourne, F. S. A., exploration in South-east Yunnan, viii. 189; Journey to the Imperial Mausolea, east of Peking, v. 23 *; on the project for a railway between South-west China and British Burma, x. 381; Report on a Journey in South-western China, x. 539 †
 Bourne, G., Murchison grant awarded to, ix. 311, 454
 Bourne, G. C., on the Island of Diego Garcia of the Chagos Group, viii. 335 *

- Bourne, H. R. F., The Story of our Colonies, xi. 60 †
 Bourne, S., on lands still available for European settlement, xiii. 34
 Bovallius, Carl, Antique Ceramics found in Nicaragua in 1882-83, xiii. 376 †; Nicaragua Antiquities, xiii. 376 †; on the American inter-oceanic canal, vi. 50; Travels in Central America, xiii. 376 †
 Bove, Lieut. G., Antarctic expedition of, iv. 547; Expedition Austral Argentina, vi. 608, viii. 410 †; expedition to Patagonia and Tierra del Fuego, iii. 659, v. 106, 386; obituary of, ix. 584; Patagonia, Terra del Fuoco, Mari Australi, v. 112 †
 Bowen, Lord Justice, remarks at dinner to Mr. Stanley, xii. 498
 Bowen, Mr., on the quartz crystal of Yoruba, xii. 612
 Bowen, Sir G., on South Central Madagascar, iv. 535; on New Britain, ix. 18
 Bower, Captain, explorations in Central Asia, xiii. 388, xiv. 220, 319
 "Bowie" Arab tribe, camp at Shakhe, v. 156, 157
 Bowler, L. P., prospector's sketch-map of Matabele and Mashonaland, xi. 708
 Bowragari, fort of, West India, iv. 472
 Boyd, Carr, explorations in Central Australia, ii. 378; in North-West Australia, and death of, vi. 157, 378
 Boyd, C. R., Resources of South-West Virginia, iii. 505 †
 Boyd, R. Nelson, Chili and the Chilians during the War, iii. 443 †
 Boyde, H., Several Voyages in Barbary, x. 320 †
 Boyle, D., Archaeological Report, Canadian Institute, xiv. 571 †
 Bozai Gumbaz, xiv. 17
 Bozdar tribe, i. 55
 Brackebusch, Dr. L., Skizze eines Theils der Sierra de Cordoba (map), iv. 188; map of the Argentine Republic, xiii. 696; Note on the same, xiv. 873 †; maps of Province of Jujuy, etc., v. 600
 Brackenbury, Major-General H., The River Column, Nile Expedition, viii. 210 †
 Bradford, Geographical Education Exhibition at, viii. 724, ix. 250
 Bradshaw, Dr. B. F., on the Chobe River, S. Central Africa, iii. 208 *
 Braga, L. J. V., visit to Makanga, viii. 511
 Brahmakund, the, vii. 320
 Brahmaputra river, iv. 616, viii. 266, xi. 386; discharge of, x. 582; discharge of, above Sadiya, vii. 329; geography of the upper course of the, Black, i. 682; the Abor country on the upper, Capt. Michell's sketch of, iv. 676; sources of the, iv. 270, vii. 87; the Races of the, v. 49 †
 Braidwood, New South Wales, plan of, v. 310

Brainard, Sergeant, letter from, on receipt of the Back grant, viii. 531
 Bramance river, viii. 685, 688
 Bramston, John, on proposed Antarctic expedition, x. 91
 Branco island, Sargasso sea, v. 740
 Brand, Sir J. H., obituary of, xi. 421
 Branda, P., Le Haut-Mekong ou le Laos ouvert †, ix. 816, xi. 512
 Brandenburg, Gold Coast, iv. 508
 Brandenburg province, Nowack's map of, iii. 697
 Brandt, Professor, zoological results of the German Plankton expedition, xii. 116
 Brannill, Col. B. R., Physiography of Southern India, vii. 719 *
 Branner, J. C., The Æolian Sandstones of Fernando de Noronha, xiii. 740 †
 Brassey, Lady, In the Trades, the Tropics, and the Roaring Forties, vii. 129 †; Voyage to India and Australia in the *Sunbeam*, xi. 190 †
 Braunschweig, map of the duchy of, ix. 395
Brazil—
 Atlas of, De Mello, iv. 456
 A Year in, Dent, viii. 536 †
 Brazil, the Amazons, and the Coast, Smith, ii. 325 †
 Capital of, proposed change of, xiv. 861
 Colonies of, viii. 370; colonies, southern, of, map, ix. 724; of Santa Cruz, map, xi. 578
 Commerce, Maritime, of, vii. 771 †
 Condition and Prospects of, Andrews, ix. 460 †
 Configuration and rivers of, viii. 354, 357
 Development, industrial, of, Wells, xii. 671
 Emigrants' Guide to, xi. 751 †
 Ethnographical map of, Ehrenreich, xiii. 379
 Exploration of, viii. 368
 Explorations in, xii. 382; of rivers Itapetininga and Paranapamena, Sampaio, xii. 253; of Rio Doce, Stearns, x. 61 *; Von den Steinen, map of routes, Claus, viii. 542
 Forest region of, xii. 429
 Frontier Surveys, Report on, de Araujo, ix. 193 †
 Geographical, etc., Commission of San Paulo, report of, xii. 740 †
 Geography, etc., of, Derby, vii. 488 †; Ehrenreich, xiv. 728 †; Mackenzie, vii. 748; Wells, viii. 353 *, xii. 671
 Historical, etc., Sketches of, Fletcher and Kidder, i. 479 †
 Indians of, xii. 241
 Journey in San Paulo, Holme, ix. 108 *
 Le Brésil en 1889, xi. 632 †
 Maps of, vi. 304; Coelho, xiii. 697; V. J.C., viii. 350
 Population of, vii. 821
 Railways of, viii. 366, 367, 369; in Province of Rio de Janeiro, etc., map of, Wells, ii. 206

Brazil—continued—

Rivers of, viii. 354, 357, xii. 239
 Slavery in, viii. 369
 Soil of, viii. 366, 367, 369
 South, map of, with railways, Lange, xiii. 537
 Temperature of, viii. 363
 Through Central, Von den Steinen, ix. 208 †
 Trade in Provinces of Rio Grande do Sul and San Paulo, Bennett, x. 383
 Trade route to Bolivia, Report on Survey for, Pinkas, viii. 345 †
 Tribes, primitive, of central, Von den Steinen on, x. 593
 Undercurrents of the Trombetas, etc., map of, v. 55
 Work on, Laërne, vii. 488, 620 †; Levasseur, xi. 751 †, xiv. 133
 Brazza, Jacques de, journey to the Sekoli river, vii. 648; explorations on the Ogowé, ix. 339; death of, x. 388
 Brazza, Savorgnan de, Conférences et Lettres de, ix. 393 †; expeditions on the Ogowé and Congo, i. 129, 358, 684, ii. 123, 775, iii. 98, 175, 182, 183, 359, 484, iv. 509 (address at the Sorbonne), v. 104, 483, 605, 736, vi. 47, 376, 480, 589, vii. 426, 816, viii. 771 *; Les voyages de, Neuville and Bréard, vi. 301 †; medal presented by Italian Geographical Society to, i. 518; gold medal of Paris Geographical Society awarded to, i. 219; reception of, by the Municipal Council of Paris, v. 43; receptions of, by Paris Geographical Society, i. 219, viii. 206; treaty of annexation of territory at Stanley Pool, iv. 226, v. 288, 289
 Brazzaville, West Africa, v. 575; establishment of, iii. 859, iv. 511; position, ix. 189
 Bréard, Ch., Les voyages de M. de Brazza, vi. 301 †
 Breiðamerkr glacier, Iceland, xiv. 841
 Bremen and its environs, xiii. 183 †; Geographical Society of, proceedings of, 1881, iii. 373; expedition to the Chukche Peninsula, under the Brothers Krause, iv. 621; map of East Cape from surveys of the same, iii. 373
 Bremner, John, ascent of Mount Wrangel, ix. 278
 Bremond, M., on the advance of civilization in Shoa, vii. 110
 Brenner, Mr., ascent of the Tana river, xiv. 531
 Brest, map of, Dépôt de la Guerre, iv. 775; geographical exhibition at, v. 430
 Bretschneider, E., Mediæval Researches from Eastern Asiatic Sources, xi. 510 †; note on the Peking plain, v. 31
 Brettes, Vicomte de, explorations in the interior of Gran Chaco, vii. 397, viii. 190, ix. 515, x. 101; on names of lakes in Gran Chaco, viii. 472
 Brett's Handy Guide to New Zealand, xiii. 241 †

- Breusing, Dr. A., obituary of, xiv. 856
 Bricchetti-Robecchi, L., Testi nelle Lingue
 Harrare Galla, xiv. 870 †. *See* Robecchi.
 "Bridal Veil Fall," Whangaehu river, vii.
 217
 Bridge, Capt. C., Ornises in Melanesia
 and Visit to New Guinea, viii. 545 *;
 on the Solomon islands, xii. 417
 Bridges, J., From Tilbury to Torbay, xi.
 51 †
 Bridges, E. S., Round the World in Six
 Months, i. 814 †
 Bridges, F. D., Lady's Travels Round the
 World, v. 183 †
 Bridges, Rev. Mr., dictionary of Fuegian
 language, vi. 423
 Briggs, Sir T. G., obituary of, x. 422
 Brigham, W. T., Guatemala, the Land of
 the Quetzal, ix. 780 †
 Bright, Sir Charles Tilston, obituary of,
 x. 387
 Brijé river, West Africa, Arthington fall
 on, iii. 21, 22, 99
 Brindisi to Bombay, Guido Cora, viii.
 131 †
 Brindley, W., visit to the ancient por-
 phry quarries of Egypt, ix. 692
 Brino, Admiral Liudsay, on the Bahrein
 islands, xii. 17; on Guatemala, v. 203;
 on the ruins of Copan, viii. 594
 Brine, Col. F., tourist's map of Iceland,
 iii. 382
 Brinton, D. G., Data for the Prehistoric
 Chronology of America, ix. 715 †; on
 the Chiuanteo Language of Mexico, xiv.
 504 †; Studies in South American
 Languages, xiv. 427 †; the American
 Race, a Linguistic Classification, etc.,
 xiii. 304 †; The Tribute Roll of Monte-
 zuma, xiv. 728 †; Were the Toltecs an
 Historic Nationality?, ix. 781 †
 Brion, H. F., Relievo map of Sudan, vii.
 494; photo-relief maps of England and
 of Scotland, viii. 352; of England and
 Wales, xii. 506
 Brisbane, map of, xii. 370; with surround-
 ing country, xiii. 134
 Brisoana river of Ptolemy, Persia, v. 715
 Bristol, navigation schools in, iv. 303
 Bristowe and Wright, Handbook of British
 Honduras for 1889-92 †, xi. 632, xii.
 640, xiii. 570
 Britain, Great, the ports of, Simonin on,
 v. 299
 Britain, the beginning of the geography
 of, Boyd Dawkins, ix. 696
 Britain, Greater, Dilke, vii. 489 †
 Britannic Confederation, edit. White, xiv.
 344 †
 British Archaeology, Dr. Montelius's study
 of, v. 47, 48
 British Association—Committee on geo-
 graphical education, meeting of the, ix.
 120; Canadian Economics, viii. 602 †;
 Oceanography at, 1892, xiv. 619 *; pro-
 ceedings of the geographical section at
 Sheffield, 1879, i. 2, 3, 4, 5, 7, 11
 British Association—continued—
 Swansea, 1880, ii. 574, 643
 York, 1881, iii. 594, 673
 Southampton, 1882, iv. 614 (jubilee
 meeting)
 Southport, 1883, v. 610, 667
 Montreal, 1884, vi. 583, 667
 Aberdeen, 1885, vii. 674, 748 (Report,
 viii. 602 †)
 Birmingham, 1886, viii. 655, 727
 Manchester, 1887, ix. 628, 689, 769
 Bath, 1888, x. 654, 717
 Newcastle-on-Tyne, 1889, xi. 613, 686
 Leeds, 1890, xii. 620, 671
 Cardiff, 1891, xiii. 617
 Edinburgh, 1892, xiv. 638, 712
 British Colonies, Elementary Geography
 of, Dawson and Sutherland, xiv. 577 †;
 Historical Geography of, Lucas †, ix. 652
 (introduction), xi. 122, xiii. 129; Notes
 on, Aivalle, v. 682 †; pocket atlas of,
 Bartholomew, ix. 140; school map of,
 vii. 704
 British Columbia—
 Agricultural and Commercial Capabili-
 ties of, Tanner, ix. 717 †
 Explorations in, Boas, xi. 456, 457;
 Dawson and Ogilvie, ix. 758; in
 North-West, Seton Karr, xiii. 65;
 in the Glacier Region of the Selkirk
 Range, Green, xi. 153 *; in Southern
 interior, Dawson and Bowman, map,
 x. 258; in Yukon District, Dawson,
 Report, xi. 461 †
 Forest fires and vegetation of, xi. 164,
 165, 169
 Indian races of (map), ix. 464
 Information for Intending Settlers †, viii.
 538, ix. 716
 Maps of—x. 258; Mohun, vii. 413; Rand
 McNally & Co., iv. 454, ix. 657
 Northern, recent surveys in, x. 382
 Photographs of, Notman & Sons, xii.
 312, 371
 Rocks and rivers of, Moberley, vii. 831 †
 British Commercial Geographical Society,
 vi. 711
 British East Africa Company, x. 708,
 722, 723
 British Empire—
 Atlas of, Bartholomew, ix. 212; Johns-
 ton (Colonial and Indian), ix. 268;
 Williams (Queen's Jubilee), ix. 67
 Geography and atlas of the, Highman,
 i. 752
 Maps of, Johnston, vi. 176; T. B. John-
 ston ("Howard Vincent"), viii. 348;
 Shawe, viii. 752
 Tariffs and Trade of, Sequel to Synopsis
 of, Rawson, xi. 190 †
 Through the, von Hübnér, viii. 408 †
 Work on, Sir G. Campbell, ix. 323
 British Guiana. [*See also* Guiana.]
 Agricultural and Commercial Society
 of, Journal of †, viii. 672, xi. 633
 Ascent of Mt. Twék-kway in, Whitely,
 viii. 453

British Guiana—continued—

Boundary with Venezuela, Im Thurn
on, ii. 51
Catalogue of Exhibits, Colonial Exhi-
bition, viii. 603 †; Paris Exhibition, i.
78 †
Explorations in, Whitely, iv. 612, (Mt.
Roraima), vi. 452 *: Mc Turk (Upper
Guyana), iv. 695
Forests of, vii. 499, 500
Gold mining in, xiv. 686, 687
History, etc., in Relation to Venezuela,
Watt, ix. 460 †
Indians of, vii. 501, 502
Journey in Interior of, Im Thurn, ii.
465 *
New scientific journal in, iv. 696
North-Western District, Im Thurn, xiv.
665 *
Photographs of, Im Thurn, xiv. 584
Riv. r system of, xiv. 680
Trade, population, etc., of, xi. 106
Tribes of, xiv. 681

British Honduras—

Expedition to the Cockscomb Mountains
in, Bellamy, xi. 542 *
Fowler, ii. 129
Handbook and Catalogue of, viii. 603 †
Handbooks of, 1889-92, Bristowe and
Wright †, xi. 632, xii. 640, xiii. 570
Journey from, to Santa Cruz, Miller, xi.
23 *
Map of, Usher, x. 812, xi. 126, xiii. 63;
id., showing route of projected railway,
xi. 259
Photography of, Usher, xiii. 64
Report of Expedition to Cockscomb
Mountains in, xi. 58 †
Western frontier of, notes on, Miller, ix.
420

British Isles—

Atlas, large scale, of, vi. 112
Building of the, Jukes-Brown, x. 735 +
Gazetteer of, Statistical and Topographical, Bartholomew, ix. 205 +
Geography of, Davidson, ix. 710 +
(elementary), Geikie, x. 394 +; (short),
Green and Stopford, ix. 136 +; (picture), Palmer, ix. 711 +
Ramsay, i. 153;
strata, Jordan,
i. 746
Maps of—Bartholomew (reduced Ordnance), xiv. 199; Kiepert (wall), v. 56; S.P.C.K., iii. 128
Politics of members of Parliament, 1885,
map showing, T. R. Johnston, viii. 132
Sea round, mean level of, viii. 23
Weather forecasting for, Toynbee, xiii. 567 +
British Museum, geographical department,
Major's report on, i. 395; Printed
Maps in, Catalogue of, viii. 280 +;
Subject Index of Modern Works
added to the Library, 1880-85, Fortescue, ix. 134 +

British New Guinea. *See* New Guinea.
British North Borneo. *See* Borneo.
British polar meteorological expedition, iv.
293
Brittany, Rüttemeyer, v. 48 †
Broadfoot, Lieut., i. 53, 54; on the Gomul
valley, xii. 169
Broechinia cordyltinoides, vii. 511, 513, 516
Brochl, Dr., on the mountains of Swed.sh
Lapland, viii. 58
Brochets river, v. 640
Broek, Admiral S., Views in Circassia
xiv. 173 *
Brockhaus, F. A., Karte der Umgebung
von Komotau, Brüx, etc., ii. 895
Brocklehurst, Thomas W., Mexico To-day,
v. 241 †
Brodrige, Hon. W. A., Recollections of an
Australian Squatter, vi. 104 †
Brodrick, Hon. G. C., remarks at dinner
to Mr. Stanley, xii. 495; on geography
in its relation to history, viii. 196; on
public schools prizes examinations, i.
470; on Rio Doce, Brazil, x. 79, 84
Broelmann, J., map of world (Mercator),
v. 683
Broke, George, With Sack and Stock in
Alaska, xii. 740 †
Broken Hill silver mine, Central Australia,
xiii. 346, 349
Broken Water bay, New Guinea, v. 512
Bromme, T., Karte der Erde (Mercator),
vii. 772
Bromo, Mount, height of, vii. 50
Bronner, F. J., Parallelismus der Fluss-
systeme Europas, Asiens, Afrikas, und
Amerikas, viii. 674 †
Brönösund strait, Norway, ii. 284
Brooke, Sir Jas., work in N. Borneo, iii. 207
Brooks, H. Natal, a History, etc., i. 202 †;
new methods for contoured relief maps,
viii. 399
Brough, B. H., Tacheometry, or Rapid
Surveying, x. 543 †
Broumton, Mr., visit to the Miao-tszo
tribes of South China, iii. 225
Brower, J. V., chart of ultimate source of
Mississippi, xiii. 643
Brown, Alexander, The Genesis of the
United States, xiii. 304 †
Brown, A. S., Madeira and the Canary
Islands, xii. 247 †; on the social and
economic condition of the Canaries, xiv.
802
Brown, Capt. R. H., the Bahr Yusuf, its
present state and uses, ix. 614
Brown, Ch., visit to Mount Roraima, vi.
671, vii. 528
Brown, H. A., A Winter in Albania, xi. 114 †
Brown, H. Y. L., on the geology at Hale
river, Central Australia, xiii. 349
Brown, J., three months in Cyprus, i. 731
Brown, J. A., Palæolithic man in North-
West Middlesex, x. 165 †; obituary of
R. H. W. Dunlop, x. 244
Brown, Marie A., The Icelandic Dis-
coverers of America, ix. 716†. *See* Shipley.

- Brown, P. H., Early Travellers in Scotland, xiv. 60 †; Tours in Scotland in 1677 and 1681, xiv. 721 †
- Brown, Dr. R., Notes on the Northern Atlantic, ii. 523 †; Our Earth and its Story, † x. 318, xi. 321, xii. 251; The Adventures of Thomas Pellow of Penryn, xiii. 129 †; The Countries of the World, ii. 143 †; The Story of Africa and its Explorers, xiv. 260 †
- Brown, Rev. G., Dictionary of the Duke of York Island Language, ix. 59 †; a journey along the coasts of New Ireland, etc., iii. 213; on New Britain Group, ix. 16; on the place of geography in education, viii. 715
- Brown, Mount, Rocky Mountains, v. 634
- Brown, River, New Guinea, xii. 211, 560
- Browne, Major, E. C., The Coming of the Great Queen (acquisition of Burma), x. 251 †
- Bruce, Capt., explorations in the Caspian, i. 161, *et seq.*
- Bruce, Hon. C. G., exploration in the Karakoram, xiii. 682, xiv. 768, 769
- Bruce, J. B., journey in N. W. America, vi. 295
- Bruce, Right Rev. G. Knight, Journey through Mashonaland in 1889, xii. 346 *, 377
- Bruck, Environs of, Austrian Government map of, iv. 249
- Brucker, J., Benoit de Goës, Missionnaire voyageur dans l'Asie Centrale, i. 477 †
- Brückner, Dr. E., Die Vergletscherung des Salzachgebietes, ix. 129 †; Eiszeit-Sindien in den südöstlichen Alpen, xiv. 340 †; on climatic variations, xiii. 50; on the constancy of the climate of today, xi. 387, 388
- Bruges, plan of, Kips, ix. 325
- Brugsch Bey, H., Dictionnaire Géographique de l'Ancienne Égypte †, i. 405, ii. 70
- Brûlé rapid, Athabasca river, v. 637
- Bruiner islands, shoal off, v. 507
- Brunei, Borneo, v. 721; cessions of land, by Sultan of, i. 122
- Brunel, O., Arctic expedition of, ii. 5
- Brunialti, Signor, on Italian emigration, iv. 179
- Brun-Renaud, Ch. Le, Les Possessions Françaises de l'Afrique Occidentale, vii. 767 †
- Brunswick. See Braunschweig.
- Brusewitz, Lieut., Arctic journey of, ii. 57
- Brussels, geography at the exhibition at, ix. 764; Guide to, Kips, viii. 478 †; National Institute of geography established at, v. 297; plan of, Kips, ix. 325; the Conference at, xii. 771 †
- Bruyno, Capt., Arctic expedition of, i. 27, ii. 28
- Bruyssel, E. van, La République de l'Uruguay, xi. 111; La République de l'Argentine, Ressources Naturelles, etc., xi. 58 †
- Bryant, H. G., visit to the grand Falls of Labrador, xiv. 49; photographs of the same, xiv. 352
- Bryant, W. O., Picturesque America, xiii. 239 †
- Bryce, J. Annan, Burma: The Country and People, viii. 481 *; Lecture on Geography in its relation to History, viii. 193; remarks on exploration in the Caucasus, xi. 373; on Suavetia, x. 350; on Siam, x. 131; on the expedition from Assam to the Irawadi, ix. 40; on the ruby mines of Burma, x. 274; on the scope and method of geographical discovery, ix. 170; on the Indian Archipelago, xi. 294
- Bryce, J., and Keith Johnston, The Library Cyclopedia of Geography, iii. 63 †
- Bryce, R. V. P., Mauritania: its Infancy, Growth, etc., iv. 184 †
- Bryden, H. A., Kloof and Karoo, Sport, etc., in Cape Colony, xii. 53 †
- Bua river, Lake Nyasa, i. 302, xii. 744
- Buache, Philip, contoured map by, xiii. 625
- Bube tribe, Fernando Po, x. 46
- Buccaneer, s.s., current observations in the Gulf of Guinea, xiv. 626; the Voyage of, viii. 575 *
- Buccione, Porphyry hill of, v. 621
- Buedleuch, Duke of, obituary of, vi. 380
- Buchan, Dr. A., on meteorological observatories in the Atlantic Ocean, xiv. 624; on oceanic circulation, xiv. 628; The Meteorology of the Challenger Expedition, to Physical Geography, xiii. 137 *
- Buchanan, J. Y., appointment of, as lecturer in geography at Cambridge, xi. 374; lectures there, xiii. 690; reports of progress, xiii. 429, xiv. 400; on coral reefs, etc., viii. 769; on density of bottom water, xiv. 627; on evaporation of the ocean waters, viii. 769; on Similarities in Physical Geography of the Great Oceans, viii. 753 *; on temperature, etc., of waters of the Gulf of Guinea, xiv. 625; on the Composition of some Deep-sea Deposits from the Mediterranean, xiii. 734 †; on the winding of rivers, xiv. 712; remarks on Geography at Cambridge, xiv. 491
- Buchanan, John, Journey along the Southern Frontier of Nyasaland, xiii. 265 *; the industrial geography of Nyasaland, xiv. 715; The Shire Highlands as Colony and Mission, viii. 276 †
- Buehholz, R., Reisen in West Africa, ii. 70 †
- Buchner, Dr., expedition in West Central Africa, i. 536, iii. 185, 370, iv. 114, 678, 680; *id.*, map of, Kipert, iv. 187; Kamerun, Skizzen und Betrachtungen, ix. 714 †; on the social condition of S. Paulo, i. 341
- Büchner, E., Zur Geschichte der Kaukasischen Tere, x. 176 †

- Buchner, M. Reise durch den Stillen Ozean, i. 223 †
- Buchta, Richard., Der Sudan unter Agyptischer Herrschaft, x. 177 †; on the Sudan rebellion, vi. 481
- Buckle, H. D., journeys in the Lake Ngami region, xiii. 632
- Budd, Rev. H., on the prairie fires of North America, xiv. 84
- Buddhistic Kingdoms, A Record of, transl. Legge, viii. 671 †
- Buddu district, Cent. Africa, xiv. 413, 832
- Budge, E. A. W., the Nile: Notes for Travellers in Egypt, xiii. 239 †
- Buena, E. Peregrinacion de los Aztecas, etc., ix. 781 †
- Buenaventura, Colombia, v. 261
- Buena Vista, latitude of, xii. 415
- Buena Vista mountain, Costa Rica, xiii. 301
- Buenos-Ayres, map of the province of, De Mot, iii. 120; annual statistics of †, Coni, vi. 426, viii. 406, ix. 208, Moutier, xii. 640; General Census of †, xi. 317, xii. 247; Notes of a Residence in, Rumbold, ix. 520 †; statistical account of the city, xiv. 728 †
- Bufo, L., plan of Rome, i. 611
- Buganda (Uganda), Ashe on, xi. 626. [See Uganda.]
- Bughti tribe, i. 57
- Bugran river, i. 195
- Buhutu tribe, New Guinea, xiv. 414
- Buhutu and Wari tribes, Sir W. Macgregor's visit to the, xiv. 414
- Bukharoff, D. N., Journey in Lapland in 1883, viii. 533 †
- Bukit Timapuluh Tiga range, iv. 405
- Bula villages, Binué river, ii. 294, 299, xii. 461
- Bulawayo. See Gubuluwayo.
- Buldur, latitude of, x. 162
- Bulgaria, Historical, etc., Studies, of, Kanitz, i. 282 †; maps of—Bianconi, x. 809, Danoff, xiv. 812, Kanitz, i. 154, Steinhauser, vii. 834, frontier of, i. 540, Tzaribod-Sophia-Vakarel railway, x. 673; Past and Present, Samuelson, x. 251 †; survey of, ii. 769, 770; War in, Baker Pasha, i. 343 †
- Bulghar Dagh or Taurus Mts., vi. 308, 315
- Bulhar and Zeila, Journey between, Nurse, xiii. 657
- Bullhoes, E. Lobo de, Les Colonies Portugaises, i. 151 †
- Buli Dupi tribe, Borneo, iii. 593, v. 92, 94
- Bulkeley, O. T., The Lesser Antilles, xi. 752 †
- Bulladan, latitude of, x. 162, 163
- Buller, Sir E. M., obituary of, v. 388
- Buller, Sir W., List of Mr. Silver's Collection of New Zealand Birds, xi. 60 †
- Buludupie. See Buli Dupi.
- Bulungan, head-hunting in, Borneo, v. 95
- Buluwayo. See Gubuluwayo.
- Bum valley, Caucasus, xiii. 326
- Bumlan, Sierra Leone, xiv. 442
- Bumila creek, Little Andaman, x. 571
- Bunbury, Sir E. H., History of Ancient Geography, ii. 73 †; on the identification of the Pinarus with the Piyas, vi. 471; on Ptolemy's Nile lakes, xiii. 535; resolution of thanks to, from E. G. S., for his work on Geography, xi. 451
- Bunder Abbas, Persia, v. 124
- Bund-i-kir, S. W. Persia, xii. 520, xiii. 593
- Bund-i-kir, S. W. Persia, to the New Siberian Islands, v. 119, 393, ix. 51, 117, 577, x. 180
- Bungwi, Mount, E. Africa, xii. 147
- Bunji, India, v. 611
- Bunna, Wady, ix. 488
- Bun-ind, Persia, v. 714
- Bunsen, E. de, Origin of the Saracens, xi. 631 †
- Buntali district, Central Africa, xii. 728
- Buonanno, G., Globi di Mercatore nella Biblioteca Governativa di Cremona, xii. 438 †
- Buonfanti's journey across Africa, vii. 183
- Burat, A., Voyage sur les Côtes de France, ii. 250 †
- Burbidge, F. W., the Gardens of the Sun (Borneo, etc.), ii. 781 †
- Burlo, A., Belgian international expedition in Africa, under, ii. 123; Niger et Bénoué, i. 811 †, (translation) ii. 782 †
- Burgess, Dr. J., on place names, xiv. 712
- Burke, D., visit to Mt. Roraima, vi. 672
- Burke district, N. Queensland, report on, Armit, iii. 424
- Burke, R. O'Hara, journey into Central Australia, xiii. 346
- Burkhan-Buddha mts., Tibet, vii. 169
- Burlton, Lieut., journey with Wilcox to Upper Irawady, ix. 20
- Burma—**
- Acquisition of, Narrative of, Browne, x. 251 †
- After the Conquest, Geary, viii. 600 †
- Ashè Pyce, The Superior Country, Laurie, iv. 246 †
- As it Was, Is, and Will Be, Scott, viii. 601 †
- Country and People of, Bryce, viii. 481 *
- Explorations in, xiii. 389
- Forest scenery and vegetation, viii. 485
- Frontier affairs of, 1889-90, xiii. 303 †
- Maps of:—Intelligence department, ii. 77; Johnston, x. 482, xiv. 66; Murby (native characters), iv. 452
- Murder of G. H. Powell in, x. 591
- Railway connection with India and China, Bourne, x. 381; Hallett, x. 48 †; Necessity of, x. 737 †
- Report on administration of, 1888-89, xiii. 303 †
- Route from, to Arakan, Walker's, xiv. 411
- Ruby mines of, Streeter on, ix. 701; Gordon on, x. 261 *
- Surveys in—xiv. 705; Hobday, ix. 308, 575, report, x. 452; Woodthorpe, ix. 308; on Manipur frontier, iv. 693
- Tribes of, viii. 480-429

Burma, British—

- And its people, Forbes, i. 76 †
- Gazetteer of, iii. 247 †
- Population of, xiii. 612
- Report on Administration of, 1882–83, xiii. 302 †

Burma, Upper—

- And Assam, *see* *Communication of route between, N. E. A. S. S. I. ; direct communication between*, xiv. 404
- Chindwin River, Explorations on, Woodthorpe, xi. 167 *
- Expeditions in:—Among Kachin Tribes, Walker, xiv. 161*; French scientific, iv. 379
- Explorations in, summary of, xi. 411
- Fish-traps of, xi. 212
- Population of, xiii. 612
- Rainfall of, x. 272
- Reports on Administration of †, ix. 712, xiii. 303; on progress in settlement, 1887–89, xiii. 303 †
- Surveys in, xii. 385, 386, xiii. 173, xiv. 381; summary of, x. 421
- Suspension bridges in, xi. 203
- Burman Explorer Alaga's Journey to the Upper Irawadi, iv. 269 *
- Burmeister, Prof. H., explorations in Patagonia, xii. 291; obituary of, xiv. 477
- Burnell, A. C., and Col. H. Yule, Glossary of Anglo-Indian Colloquial Words, viii. 404 †

Burnes, Sir A., on the Kafir tribes, iii. 278 *note*

- Burns river, ix. 598
- Burnt mountain, Alaska, iv. 278
- Burrail range, Himalayas, v. 617, 619, 624
- Burrrough, Stepien, arctic expedition of, ii. 4
- Burrows, M., Historic Towns, Cinque Ports, xi. 52 †
- Bursch, village of, Caucasus, xiii. 316
- Burton, Decimus, obituary of, iv. 102
- Burton, Lady, memorial in favour of a pension to, xiii. 107
- Burton, Lieut.-Gen. E. F., An Indian Olio, xi. 54 †
- Burton, Sir R. F., Camoens, His Life and his Lusiads, xiv. 731 †; death and obituary of, xii. 667, 756; Early, Private and Public Life of, Hitchman, x. 111 †; journey in Usambara with Speke, i. 81, 82; on the Somali country, vii. 641; the Ancobra and Prince's rivers, iv. 505, 507; on Mount Cameroons, i. 237; on the Kong mountains, iv. 484; the Gold Mines of Midian, i. 76 †; the Land of Midian, i. 477 †; to the Gold Coast for Gold, v. 111 †

Burujird, S. W. Persia, xii. 525; road to Ispahan, *vid.*, v. 152

Bushell, S. W., Ancient Roman Coins from Shansi, viii. 410 †

Bushell, S. W., Kafiristan, iii. 299

Bushell, S. W., *see* *Communication of route between, N. E. A. S. S. I. ; direct communication between*, xiv. 404

Bushman of South Africa, x. 523

Busi river, ix. 622

Busk, Capt. H., obituary of, iv. 315

Busoga, East Africa, xiii. 204

Bussorah, improvement in trade and climate of, x. 452; river service to Baghdad, v. 184

Bussum Prali, survey map of, intelligence branch, War Office, iv. 254

Bustar, The Mardian Hills and the Lower Indravati in, Holdich, i. 372 *

Bustard island, Athabasca lake, v. 642

Busuanga island, Calamiane Archipelago, vii. 191

Butagu valley, W. Africa, xiv. 543

Bute inlet, British Columbia, xiii. 69

Butler, A. G., on the insects of the Somali country, vii. 641

Butler, G. G., the Sea Route to Siberia, etc., xii. 244 †; pictorial aids to geographical teaching, ii. 649

Butler, Rev. G., on the teaching of geography, i. 469; on the aims and methods of geographical education, viii. 117; obituary of, by Francis Galton, xii. 236

Butler, Sir W. F., on the discovery of Mount Ruwenzori, xii. 170; the Campaign of the Cataracts, Nile Expedition of 1884–85, ix. 459 †

Büttner, Dr., expeditions on the Congo, viii. 634, 635, ix. 338

Button, Sir Thomas, voyage to Hudson's Bay, x. 552

Buxton, Sir Fowell, remarks after papers on:—Lake Nyasa, etc., iii. 276; Jackson and Gedge's journey to Uganda, xiii. 207; journey from Blantyre to Quillimane, vii. 665; the East African expedition, i. 530, ii. 741; the Lower Congo, vi. 195; the outflow of Lake Tanganyika, ii. 256; the region east of Lake Nyasa, vi. 535; the Rovuma district, ii. 351; the Usambara country, E. Africa, i. 94; temperate South Africa, iii. 19

Buyskes, P. J., on the East Bygd, v. 408

Buyuk Hudhu pass, viii. 97

Buyuk Hudhuning Yazishi plain, viii. 97

Bwibwi valley at Nbadua, E. Africa, iv. 205

Bworāna country, supposed itinerary

Bygd, East, the colony of, in Greenland, v. 294; Major on the, and chart sent by Mr. Buyskes, v. 408

Bylandt, Count, on the arctic campaign of 1879 in the Barents Sea, ii. 35

Byning bay, New Britain, iii. 94

Byrne, A. J., Mapa de la República de Honduras, viii. 676

Byturnee river, S. India, viii. 685, 688

C

Cabeça de Cobra, settlement and natives of, West Africa, v. 693–695

- Cabinda, Molembo, and Massabi, map of territories of, ix. 211. [*See* Kabinda.]
 Cabo Blanco, position of, xiv. 126
 Cabot, J. & S., *Leur Origine et leurs Voyages*, Harries, iv. 773 †
 Cabot, John, discoveries of, xiv. 601 ; Landfall in 1479, and the Site of Norumbega, Horsford, viii. 346 †
 Cabot, Sebastian, portrait of, offered to Geographical Society of Paris by M. Codine, v. 494
 Cabot Strait, Newfoundland, viii. 101
 Cabrol, E., *Voyage en Grèce*, 1889, xii. 432 †
 Caca river, Bolivia, v. 337
 Cacas, Peru, xiv. 388
 Cáceres town, Colombia, v. 253
 Cachapaul, Valley of the, explorations in, Plagemann, ix. 248
 Cachendo, Peru, altitude of, xii. 229
 Cachimascana, Lake, Peru, altitude of, xii. 229
 Cacongo river, v. 229
 Cadamosto and early exploration in Africa, Oldham on, xiv. 718
 Cadenhead, Mr., journey in East Africa, and death, ii. 626, 762
 Cadiz, Columbus celebrations in, xiv. 701
 Caffraria. *See* Kaffraria.
 Cahabon river, Guatemala, v. 189
 Caillaud, M. R. du, on the administrative divisions of Tongking, v. 361 ; on a universal meridian, v. 560 ; on the Chinese province of Long-tcheu, vii. 400 ; on the fortress of Tam Giang (Tongking) and the Christians in Annam, viii. 127 ; on the geography of Edrisi, v. 298 ; on the mineral wealth of Madagascar, v. 558 ; on the rights of France in the Red Sea, vi. 160, 232 ; on the rights of Portugal on the Lower Congo, vi. 48 ; on the Saint Joseph river, x. 389 ; on the Sino-Annamite frontier, v. 173 ; on Tonking, vi. 45, 48, 295, 299
 Caillaud and Letorze, position of Khartum, 1821, xi. 643
 Cailleaux, T., *Pays Atlantiques décrits par Homère*, ii. 202 †
 Caillie, René, Journey to Timbuktu, iii. 316 ; Journal of, xiii. 742 †
 Caine, W. S., *Picturesque India*, xiii. 53 †
 Cairo—
 Geographical Society of, proceedings of, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909, 2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 3074, 3075, 3076, 3077, 3078, 3079, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089, 3090, 3091, 3092, 3093, 3094, 3095, 3096, 3097, 3098, 3099, 3100, 3101, 3102, 3103, 3104, 3105, 3106, 3107, 3108, 3109, 3110, 3111, 3112, 3113, 3114, 3115, 3116, 3117, 3118, 3119, 3120, 3121, 3122, 3123, 3124, 3125, 3126, 3127, 3128, 3129, 3130, 3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143, 3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152, 3153, 3154, 3155, 3156, 3157, 3158, 3159, 3160, 3161, 3162, 3163, 3164, 3165, 3166, 3167, 3168, 3169, 3170, 3171, 3172, 3173, 3174, 3175, 3176, 3177, 3178, 3179, 3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197, 3198, 3199, 3200, 3201, 3202, 3203, 3204, 3205, 3206, 3207, 3208, 3209, 3210, 3211, 3212, 3213, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3227, 3228, 3229, 3230, 3231, 3232, 3233, 3234, 3235, 3236, 3237, 3238, 3239, 3240, 3241, 3242, 3243, 3244, 3245, 3246, 3247, 3248, 3249, 3250, 3251, 3252, 3253, 3254, 3255, 3256, 3257, 3258, 3259, 3260, 3261, 3262, 3263, 3264, 3265, 3266, 3267, 3268, 3269, 3270, 3271, 3272, 3273, 3274, 3275, 3276, 3277, 3278, 3279, 3280, 3281, 3282, 3283, 3284, 3285, 3286, 3287, 3288, 3289, 3290, 3291, 3292, 3293, 3294, 3295, 3296, 3297, 3298, 3299, 3300, 3301, 3302, 3303, 3304, 3305, 3306, 3307, 3308, 3309, 3310, 3311, 3312, 3313, 3314, 3315, 3316, 3317, 3318, 3319, 3320, 3321, 3322, 3323, 3324, 3325, 3326, 3327, 3328, 3329, 3330, 3331, 3332, 3333, 3334, 3335, 3336, 3337, 3338, 3339, 3340, 3341, 3342, 3343, 3344, 3345, 3346, 3347, 3348, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3358, 3359, 3360, 3361, 3362, 3363, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3371, 3372, 3373, 3374, 3375, 3376, 3377, 3378, 3379, 3380, 3381, 3382, 3383, 3384, 3385, 3386, 3387, 3388, 3389, 3390, 3391, 3392, 3393, 3394, 3395, 3396, 3397, 3398, 3399, 3400, 3401, 3402, 3403, 3404, 3405, 3406, 3407, 3408, 3409, 3410, 3411, 3412, 3413, 3414, 3415, 3416, 3417, 3418, 3419, 3420, 3421, 3422, 3423, 3424, 3425, 3426, 3427, 3428, 3429, 3430, 3431, 3432, 3433, 3434, 3435, 3436, 3437, 3438, 3439, 3440, 3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3460, 3461, 3462, 3463, 3464, 3465, 3466, 3467, 3468, 3469, 3470, 3471, 3472, 3473, 3474, 3475, 3476, 3477, 3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494, 3495, 3496, 3497, 3498, 3499, 3500, 3501, 3502, 3503, 3504, 3505, 3506, 3507, 3508, 3509, 3510, 3511, 3512, 3513, 3514, 3515, 3516, 3517, 3518, 3519, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566, 3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575, 3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584, 3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593, 3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620, 3621, 3622, 3623, 3624, 3625, 3626, 3627, 3628, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3643, 3644, 3645, 3646, 3647, 3648, 3649, 3650, 3651, 3652, 3653, 3654, 3655, 3656, 3657, 3658, 3659, 3660, 3661, 3662, 3663, 3664, 3665, 3666, 3667, 3668, 3669, 3670, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3680, 3681, 3682, 3683, 3684, 3685, 3686, 3687, 3688, 3689, 3690, 3691, 3692, 3693, 3694, 3695, 3696, 3697, 3698, 3699, 3700, 3701, 3702, 3703, 3704, 3705, 3706, 3707, 3708, 3709, 3710, 3711, 3712, 3713, 3714, 3715, 3716, 3717, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 3725, 3726, 3727, 3728, 3729, 3730, 3731, 3732, 3733, 3734, 3735, 3736, 3737, 3738, 3739, 3740, 3741, 3742, 3743, 3744, 3745, 3746, 3747, 3748, 3749, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776,

Cameron, Commander, Across Africa, vii. 486 †; on the *Cameroons* overland telegraph, i. 111; on the *Cameroons* railway, ii. 199 †; remarks on coasts of Norway and Lapland, ii. 288; on Holub's journey in South Africa, ii. 180; on Johnston's and Thomson's expedition, i. 532, ii. 264; on Lake Tanganyika, iv. 26; on the basin of the Upper Zambesi, i. 684; on the Chinde river and Zambesi delta, xii. 145; on the Lower Congo, vi. 195; on the *Cameroons* of Tanganyika, ii. 111; on the *Cameroons* journey through the Masai country, vi. 710; surveys on the Gold Coast, iv. 501; the Euphrates valley railway, i. 685

Cameron, General Sir D. A., obituary of, ix. 422

Cameron, Mr., journey up the Saint Joseph river, x. 389

Cameron, Mr., survey work in Madagascar, iv. 522

Cameron, W., map and explorations of the Malay Peninsula, vii. 383, 384

Cameroons District—

British and German spheres of influence in, xii. 659

Explorations in, viii. 277 †; Comber, i. 225 †; German, x. 648; Kund and Tappenbeck, x. 447, xi. 563, 564; Morgen, xii. 288, 464, xiii. 228, 563, (map), xiv. 201; Rogozinski, map, Hassenstein, vi. 360; Zintgraf, xii. 99, 358

Journey in, Schwartz, ix. 320 †; in Northern, Valdau, viii. 405 †

Map of, vi. 175; note on Danckelmann's, x. 799; of southern, vii. 775

Paper on, Grenfell, iv. 585 *

Progress of German territory in 1891, report on, xiv. 323

Sketches, etc., in, Max Buchner, ix. 714 †

Cameroons Mountain—

Ascent of, Rogozinski and Zöller, vii. 183

Crater lake discovered on, Valdau, xiii. 557

Eruptions of, i. 238, 239

Explorations on, Rogozinski, viii. 48; Valdau and Knutson, viii. 454, x. 380

Healthiness of, i. 239, 240

Cameroons river, vi. 620, 621; H. H. Johnston's journey up, viii. 647

Camoesia maxima, notable flower of the Congo, v. 287, 705

Campus Indians, Peru, xiv. 386

Campbell, C. W., journey through North Korea, xiv. 141 †; award of the Curthbert Peek Grant to, xiv. 316

Campbell, D. A., A Journey Overland to India, xiii. 308 †

Campbell, Dr. J., Siberian Inscriptions, xiv. 571 †

Campbell, F. A., A Year in the New Hebrides, xi. 519 †

Campbell, Major, Afghanistan; the Shorawak valley and Toba plateau, i. 728, ii. 620

Campbell, Rev. W., The Gospel of St. Matthew in Formosan, xi. 54 †

Campbell, Sir G., on the Herat valley and Persian border, viii. 155; the British Empire, ix. 323 †; obituary of, xiv. 188

Camperio, M., Carte del Sudan Orientale (new maps), vii. 494

Campiglio, Capt. P., Carta delle Circonscrizioni Militari del Regno d'Italia, vi. 107

Campion, J. S., On Foot in Spain, i. 282 †

Canada—

Annual Register and Review for 1884, edit. Morgan, viii. 131 †

Atlas, pocket, of, Bartholomew, xii. 311

Barren grounds of Northern, Pike, xiv. 661 †

Economics of, at British Association, Montreal, viii. 602 †

England and *Canada*, vi. 544 †

En route pour *Canada*, Petit, x. 179 †

Exhibits at Colonial Exhibition, viii. 538 †; at Venice Geographical Congress, iii. 751

French emigration to, xi. 556

Geography of (with Newfoundland), Greswell, xiii. 305 †; progress of, iii. vii. 244, viii. 423

Geological and Natural History Survey of, Annual Reports, Selwyn †, ii. 141, iii. 190, iv. 515, ix. 208, x. 741, xiv. 197; contributions to Palaeontology of, vol. i., Whiteaves, viii. 406 †; survey map, ii. 205

Guide-book to, Roberts, xiv. 574 †; with information for settlers, viii. 538 †

Handbook to, Silver, iii. 248 †; statistical and descriptive, edit. Biggar, xi. 752 †

History of, Greswell, xii. 771 †; Kingsford x. 542 †

Magnetic Survey in, Lefroy, vi. 104 †

Maps of, ix. 738; Burland Lithogr. Co., vii. 136; Outline, iv. 254; Walker, i. 160

Maritime provinces of, xiv. 874 †; Mackinlay's map of, ix. 65

Surveyor-General of Dominion Lands, Report for 1880, iii. 379 †

Surveys, Admiralty, in, xiv. 379; Government, ii. 576

To, with Emigrants, Ritchie, viii. 132 †

Tour in the States and, Greenwood, vi. 103 †

Unexplored Regions of, Dawson, xii. 555

Canada, North-West Territory of—

Athabasca District of, Petit, on, v. 633 *

Commercial importance of, iii. 582, 583

Indian Traditions of, Petit, x. 713 †

Maps of, ii. 205, v. 439, vii. 358

Resources of Mackenzie Basin, Report of Committee on, x. 741 †

Route to the prairie lands of, proposed, via Hudson's Bay, Rae, viii. 728

Topography, etc., of, Macoun, viii. 727

- Canadian Pacific Railway, xi. 153, 169;
by A. Beggs, viii. 727 †; map of the system of the, viii. 542; Report on, S. Fleming †, i. 78, 478, ii. 459
- Canadian voyageurs on the Nile, vii. 125, 126
- Cañar, S. America, xiv. 127
- Canard portage, Athabasca district, v. 643
- Canary islands, vi. 616, 617; As a Winter Resort, Whitford, xiii. 184 †; economical conditions, J. Brown, xiv. 802; explorations in, Verneau, x. 247; Five Years' Sojourn in, Verneau, xiii. 739 †; Guide to, Ellerbeck, xiv. 879 †; map of the valley of Orotava, Rothplatz, xi. 704; meteorological observations in, xiv. 623; Rides and Studies in, Edwards, xi. 120 †; Simony on, xii. 357; The English in, Latimer, xi. 254 †; Voyage to, Leclercq, ii. 782 †
- Candahar, Afghan tribes about, ii. 188; approach to, ii. 543, 544; country between Girishk and, Beavan on, i. 727, ii. 548*; geographical features of, iii. 76; map of country round, ii. 77; new routes to, Holdich, i. 729; opening of a new route to, i. 274; Routes between India and, Biddulph, ii. 212*; map of, ii. 717; surveys round, Rogers, i. 730; the Highway from the Indus to, Temple, ii. 529*
- Candelaria reefs, Solomon Islands, x. 352 note, xii. 402, 415
- Candolle, Prof. A. de, on the laws of distribution, iii. 607
- Cani rocks, chart of, v. 752
- Canis magellanicus*, ix. 386
- Cannes, new plan of, Michel et Arluc, xii. 187
- Canoe river, North America, v. 645
- Cañon, Grand, Tertiary History of the District of, Dutton, vi. 171 †
- Canonge, Lieut.-Col. F., *Atlas d'histoire militaire contemporaine*, viii. 351
- Cantabria, The Highlands of, Ross and Stonehewer-Cooper, viii. 341 †
- Cantino map, Cortereal and the New Coast-lines on, Markham, xiv. 604
- Cantley, N., Report on the Straits Settlements Forest Department for 1886, ix. 648 †
- Canton, Fourteen Months in, Mrs. Gray, ii. 139 †; From Hai-phong to, Agassiz, xiii. 249*; Journey from, to Kwei-yang-fu, Mesny, ii. 651; to Rangoon, Colquhoun, iv. 548, 713, Yule on, iv. 558; map of province of, Lôrcher, i. 413
- Canton river, iv. 715, 725, xiii. 257
- Cao-bank village, viii. 239
- Cão (Cam), Diogo, Discovery of the Congo, and memorial stone set up by, ix. 439, 579; visit to the latter, Dennett, ix. 689
- Capangombe, South-West Africa, v. 461
- Cape Colony—**
Area and population of, iii. 3 and note, vi. 626, 627
Blue Book for †, ix. 206, x. 107
- Cape Colony—continued—**
Census of, xiii. 487, xiv. 634, 870 †
Civil Service List, 1887, Kilpin, ix. 260 †
Exhibits at Colonial Exhibition, viii. 538 †
Handbook (official) of its History, etc., Noble, viii. 538 †
Map of police districts, 1887, x. 482
Statistical Register of the Colony, 1886, ix. 519 †
- Cape Delgado Bay, journey in the district west of, by H. E. O'Neill, v. 393*
- Cape Verd Islands, meteorological observations on, xiv. 623; population and produce of, Picquié, iv. 231; to Senegambia, *viâ* the, Doelter, v. 744 †
- Capello and Ivens, M.M., expedition in Africa, i. 130, 330, ii. 41; results of, ii. 647; map of surveys, ii. 718; *Expedição Científica ao Interior de Africa*, ii. 140 †; *De Benguela ás Terras de Yácca*, iv. 246 †; *id.*, translation, iv. 701 †; new expedition, vii. 456, 818; reception by Paris Geographical Society, viii. 59, and award of medal, viii. 237, 471; *De Angola à Contra-Costa*, ix. 317 †
- Capper, R., A Trader in W. Africa, viii. 738
- Capper, S. J., the Shores and Cities of the Bode Sea, iii. 58 †
- Capra Caucasica*, Phillippa-Wolley on, vii. 601
- Caprera, the Island of, and the Hero of the Two Worlds, Florio-Sartori, xi. 114 †
- Capus, M., expeditions in Central Asia, iii. 737, iv. 103, 169, viii. 721, 796, ix. 245, 307, 457, 509; reception in Paris, x. 171; map of route across the Pamir, xi. 604; account of travels, xii. 501; on depth of snow in the valleys of the Pamir, etc., xii. 635; on the cold of the Pamirs, xiv. 35; A Travers le Royaume de Tamerlan, xiv. 868 †
- Caqueta river, South America, v. 353
- Caracotolo*, Voyage of the, x. 52 †
- Carajahi tribe, Brazil, xii. 44
- Caramánu river, S. America, xi. 499
- Caravaya, Bolivia, v. 314, 315, 522
- Cardew, Col., report on the forests of Zululand, xiii. 432
- Cardozo, Lieut., expedition to Umzeila's country, v. 33, 405; progress of expedition into Central Africa, viii. 329, 670, 722. See Pinto.
- Careni, M., *Relazione del Progetto di Spedizione ad Assab*, ii. 655 †
- Carey, A. D., expedition in Turkistan and Tibet, ix. 175, 232, 342, 377, x. 413; Account of Journey, ix. 731*; Founder's medal awarded to, xi. 310
- Carey, A. E., receives medal on behalf of Mr. A. D. Carey, xi. 450
- Carey, Dr., Life of, Smith, vii. 831 †
- Carey Island, Arctic Ocean, records and cairns on, iv. 173
- Cargese, Corsica, xii. 633
- Caria, journey in, Benudorf and Niemann, vii. 195 †

- Carib Indians, ii. 468; of Guiana, xiv. 676, 682
 Caribbean Sea, depth of, ii. 637; map showing, iii. 640
 Caribou-eaters, tribe of, v. 651
 Caribou lake, Athabasca district, v. 645; mountains, rock salt in, v. 637
 Caricata river, Bolivia, v. 341
 Carihuairazo mt., Ecuador, iii. 454
 Carimang river, British Guiana, vi. 455, 456
 Carinhanha, altitude of, viii. 355; Temperature at, viii. 363
 Caripuna Indians, Bolivia, v. 319
Carissa Schimperii, arrow poison from, vii. 639
 Charles, W. R., Journey in Corea, vi. 287, vii. 460, 608, viii. 289*; Life in Corea, x. 318†; on North Korea, xiv. 159
 Carlson, Capt., Arctic voyage of, ii. 14
 Carlyle, Rev. J. E., African Colonies and Colonization, vii. 346†; South Africa and its Mission Fields, i. 14, ix. 61†
 Carnatic, plains of the, S. India, vii. 733
 Carnegie, Hon. John, obituary of, vi. 380
 Caroline islands, vii. 557; map of, Freytag, vii. 776, 837; maps illustrating dispute between France and Spain, vii. 700; visit to, Maxwell, iv. 92
 Caron, Lieut., voyage on Upper Niger to Timbuktu, x. 165, 247; reception by Paris Geographical Society, x. 390
 Carpas range, Cyprus, xi. 705
 Carpathians, Orohydrographical map of, viii. 751; (central), Hypsometrical map of, Austrian Government, iv. 327
 Carpathian Society, Hungarian Year Book of, xi. 390†
 Carpentaria, Gulf of, exploration of, Pennefather, iii. 102, 228; map of Purker and Bayley Points, *id.*, iii. 444; rivers of the, iii. 424
 Carpenter, Commander, Surveys by, v. 598; of Hainan Island, iv. 553; Account of Bird's Nest or Elephant Islands, x. 303; on Indian marine surveys, 1888-89, xi. 681
 Carpinteria river, Uruguay, ii. 678, 679
 Carpmael, C., on depth of frozen soil at Prince Albert, viii. 744
 Carr, Dr. Ward, illness and death of, v. 274
 Carr-Boyd, D. S., exploration in Central Australia, ii. 378; in Western Australia v. 157, 373
 Carreras, Dr., Meteorología y Climatología de España, v. 50†
 Carraro, Prof. G., Memoriale del Geografo, vii. 57
 Carrasco, G., Provincia de Santa-Fé, Datos Estadísticos de la, vii. 410†; *id.*, Descripción geográfica y estadística de la†, vi. 543, viii. 410
 Carren-Leufu river, Patagonia, xii. 291
 Caribbees, Camps in the, Ober, ix. 134†; Voyage to, Paton, x. 178†
- Carrick, R., New Zealand's Lone Lands, xiv. 574†
 Carroll, Dr. A., on the Easter Island inscriptions, xiv. 862
 Carruthers, J., report on exploration in South Australia, xiv. 181
 Carson, A., The Rise and Fall of Tanganyika, xiv. 870†
 Carstensen, A. R., Two Summers in Greenland, xii. 438†
 Carter, Capt., journey in East Africa, and death of, ii. 626, 761
 Carter, G. T., on the climate of the Gambia and Sierra Leone, ix. 240; journey in Benin, xiv. 457; on a new mountain range in Benin, xiv. 321
 Carteret, Capt., visit to the New Britain islands, ix. 16
 Carthage, map of environs of, Porrier, v. 438
 Carthaginians in the Mediterranean, xii. 627
 Carthaus, Dr., Aus dem Reich von Insulinde, xiv. 131†
 Cartography, Facsimile atlas to the early history of, Nordenskiöld, xii. 126; (and geography), Annual Supplement to, Schrader, xiv. 736†
 Carusso, C. D., Cartes Topographiques de l'Etat-Major Général de l'Armée, i. 105†; on Ordnance Surveys, viii. 802†
 Carvalho, H. A. D., Expedition to the Munta Yanvo, v. 264; Expedição Portuguesa ao Muntianvua, xi. 315†; O Lubuco, xii. 247†; on the history of Lunda, ix. 382; the influence of Latin Civilization, etc., in Africa, xi. 570†
 Carver, Rev. Dr., on the Place of Geography in Education, viii. 717
 Casalis, E., My Life in Basutoland, xi. 749†
 Casartelli, Rev. L. C., Lectures on Commercial Geography, vii. 696†
 Casati, Capt., Italian expeditions for the relief of, ix. 305; Ten years in Equatoria, xiii. 372†
 Cascade Mts., Oregon, i. 696; ascent of a peak in, Röhl, xi. 609
 Casengo, W. Africa, railway to, xiv. 863
 Caspari, M., report on Cheik-Said and Oboek, vii. 552; topographical map of Tong-king, v. 236, 560
 Caspian Sea—
 Changes in level of the, i. 165, 189, 190, v. 171, vi. 592; Philipot on, xiii. 130
 Coast of, Bruce and Blaremborg's distances on the, i. 162
 Connection of, with the sea of Aral, proposed, iii. 224; with the Black Sea, Daniloff's scheme for, i. 715
 Diversion of the Oxus to, possibility of, ii. 187
 New route to the Aral Sea from, Vanuslim, i. 332
 Now Russo-Persian frontier, east of, iv. 213

Caspian Sea—continued—

- Persian ports of the, v. 122
 South Western District, Flora and Fauna of, Radde, viii. 535†
 Cassell and Co., Map Building Series, xiii. 214; Picturoque Series, xiv. 878†; Popular Atlas, Weller, xiii. 247, 380, 448, 512, 576, 644, 699, 748, xiv. 68, 140, 203, 351, 432, 512, 583, 664, 736, 816, 884
 Cassiquiare river, South America, x. 98
 Cassius and Amanus, the Chains of, Post, viii. 94*
 Castagnoso, M. de, Spedizione Portoghese in Abissinia nel secolo xiv., xi. 53†
 Castani, lake, Alaska, xi. 427, 428
 Castilho, Capt. A., on the harbour of Nakala, vii. 375, 431
 Castilho, E. D. del, on the flora of the islands of Polynesia, xii. 297
 Castillo, Lieut. A. del, Antropologia Moxicana, viii. 411†; Exploracion al interior de la Patagonia, etc., ix. 717†; journey in Patagonia, ix. 512, x. 651
 Castillo, R. de, Gran Diccionario geográfico, xiv. 134†
 Castonnet-Desfosses, M., on Russian colonization in Siberia, vi. 478
 Cat, E., Notice sur la Carte de l'Ogooué, xii. 436†
 Catalan map, Italy according to the, xiii. 621, 622
Catostomus reticulatus, or Canadian trout, v. 645
 Catat, Dr., explorations in Madagascar, xii. 298, 636, xiii. 106, 367, 394, xiv. 739
 Cathcart, Major Andrew, obituary of, iv. 101
 Cattaro, Italy, xii. 632
 Cattley, O. J., on the trade route to the Obi and Yenisei via the Kara Sea, ii. 639
Catleya Lawrenceana, vii. 497, 521
 Cauca river, v. 249, 250, 253, 254
Caucasus, The [see also Trans-Caucasia]—
 Absence of lakes in, x. 698
 Adai Choch group, map of, xi. 637
 Anthropological researches in, Chantre, x. 311†
 Ascents, early, in, xii. 258
 Central, Sella, xii. 433†; geology of, Bonney on, xi. 366; group of the, xiv. 100, 101; notes on maps of, Freshfield, x. 348, xi. 373; Six Weeks' Travel in, *id.* ix. 777†; Through the, with the Camera, Sella, xiii. 737†
 Climate of, xi. 365; Problems of, Statkowski, i. 687†
 Collection (Russian) of Notices on Places and People in, xiii. 734†
 Eastern, Trip through, Abercromby, xii. 118†
 Ethnology of, x. 702, 704 note; Usnar on†, x. 176, 736, xi. 392, xiii. 735; map of, Seidlitz, ii. 717
 Explorations in:—Cookin, xi. 370; Dent, xi. 671*; Dent and Donkin, viii. 644;

Caucasus, The—continued—

- Donkin and Fox, xi. 367*; Freshfield and Déchy, ix. 617, 767; Freshfield and Powell, xi. 671*; Freshfield on, x. 326, xi. 369; Holder, xi. 359; Merzbacher and Purtscheller, xiii. 723; Russian, xiv. 409, Freshfield on, vii. 597*; Sella, xi. 672; summaries of, xi. 410, xii. 380, xiii. 389, xiv. 369; Woolley, xi. 671*
 Flora of, x. 695, 697
 Forests and railways of, Lyall on, i. 796
 From the, to the Alai Mountains, Leclercq, xii. 502†
 From the, to the Persian Gulf, Müller-Simonis and Hyvernati, xiv. 724†
 Geological Researches in, Favre, x. 315†
 Glaciers of, x. 780 *et seq.*; movements of, Déchy on, xiv. 456
 Greek and Roman Authors, Notices of, Gan, xiii. 735†
 Journey to the, and in Trans-Caspia, Cotteau, x. 395†
 Law and Custom in, Kovalefsky, xiii. 734†
 Loss of Messrs. Donkin and Fox in, xi. 38; locality of accident, xi. 559
 Nomenclature of the peaks of, x. 348, 349
 Notes on, v. 742†
 Ornithological Fauna of, Radde, x. 105†
 Peaks, Passes, and Glaciers of, Freshfield, x. 677*
 Photographs of, Sella, xii. 96; Woolley, xi. 324, xii. 312
 Roads over, v. 171
 Russian Geographical Society, Caucasus branch, proceedings of†, viii. 403, x. 808, xii. 185
 Scientific Mission to, Morgan, xii. 438†
 Search and Travel in, Freshfield, xii. 257*
 Sport in, Phillips-Wolley, iv. 119†
 Survey of, heights of peaks, xii. 284
 The Caucasus and its People, Erckort, ix. 518†
 Tourist in, Koechlin-Schwartz, iii. 114†
 Travels and Studies in, Hahn, xiv. 569†
 Two Expeditions in, Fischer, xiii. 735†
 Vocabulary, Russo-Kabardian, Lopatin-sky, xiii. 735†; of Five West Caucasian Languages, Peacock, ix. 205†
 Western, rainfall in, x. 699
 Cauldron of Hell Falls, Madeira river, v. 344
 Caupolicán river, Bolivia, v. 314
 Causse Noir et Montpellier-le-Vieux, Martel, viii. 411†
 Causées, the cañons of the, xi. 178
 Cautin province, Chili, ix. 443
 Cauvery river, S. India, vii. 724, 734, viii. 695
 Cave, Right Hon. Sir C., obituary of, iii. 398
 Cavinás, Bolivia, indiarubber camps at, v. 324
 Cawston, G., map of the Matabili, Mashona, and Bamangwato countries, x. 812; British Central Africa, xii. 742

- Caxosira de Baguary Fall, Rio Doce, x. 78
 Cayambe mt., Ecuador, iii. 455, xiv. 128
 Cayapó, Serra do, Brazil, viii. 354
 Cayley, Prof., on the colouring of maps, i. 259
 Cayman Brac, island, Caribbean sea, visit to, Sobey, viii. 787
 Cayo, British Honduras, ix. 422
 Cazulet, Edward, obituary of, v. 388
 Cazin, road for wheeled vehicles from, to Telran, v. 121. *See* Qazwin.
 Ceballos, Señor. *See* Zeballos.
 Cecchi, Capt., expedition in Central Africa, ii. 318, 764, vi. 258
 Cecil, E., Journeys Round the World, xi. 396 †
 Cegiha Language, Dorsey, xiv. 572 †
 Cēja glacier and pass, Caucasus, xi. 671, 674, xiv. 103
 Celebes, Bay of Tomini or Gorontalo in, *See* Macassar; 816; Physical *See* Macassar; Central, The Topantunuasu of, Riedel, viii. 344 †; North, A Naturalist in, Hickson, xii. 181 †
 Ceylon, *See* Ceylon as a handmaid to *See* Ceylon, xiv. 714
 Cenis, Mont., route across the Alps, v. 554
 Cenis, Petit Mont., height of, viii. 644
Cephalophus mergens (antelope), South-West Africa, v. 464
 Ceram-Laut islands, Malay Archipelago, v. 47
 Cerri, Carlo, carta d'Italia, vi. 486, ix. 463; carta stradale e postale dell'Italia, iv. 391
 Cerro de Pasco, Peru, xiv. 388
 Cerro Munchiane, views from, v. 263
 Cerro Torrá ridge, Colombia, v. 255, 256
 Cesar, Rio, U.S. Colombia, iii. 708-711, 721
 Cevallos, P. F., Compendium of the History of Ecuador, xiii. 243 †
 Cévennes, Researches in, Martel, viii. 411 †
 Ceylon—
 About Ceylon and Borneo, Clutterbuck, xiii. 738 †
 Flora of, Trimen on, vii. 243
 Geographical conditions of, Sarasin, ix. 391
 Handbook for travellers in, Murray, xiv. 60
 In the Jubilee Year, Ferguson, x. 176 †
 Maps of, v. 184; topographical, xiv. 880
 Notes on, A Belgian Physician's, 1687-89, xii. 637 †
 Rainfall of, i. 794
 Survey work in, x. 418; hydrographical, xi. 106
 Two happy years in, Gordon Cumming, xiv. 840 †
 Veddahs of, Sarasin, xiii. 232 †
 Visit to, Haeckel, transl. C. Bell †, v. 49, 302.
 Ch. for names beginning thus *see also* Tch
 Chaambra tribe, Algeria, iv. 362
 Chabaud, M., La Réunion et Madagascar, xiv. 871 †
 Chacha fortress and stream, Turkistan, iv. 495
 Chachar pass and river, i. 56, ii. 240
 Chaco Boreal and Austral, xi. 131, xii. 672. *See also* Gran Chaco.
 Chacujal pueblo, Central America, viii. 589, 590
 Chacujal, town of, Guatemala, v. 188
 Chacunda tribe, xii. 349
 Chad, Lake, ix. 304; expedition to, xiii. 227, 484; French, xiv. 412; Monteil, xiii. 369; rivers of, ix. 298, 299; system of, ii. 290, 291
 Chadda. *See* Benue.
 Chaddock, G. A., visit to the Limpopo river, vii. 241; Voyage of Exploration in the s. s. *Maud* on the East Coast of Africa, xii. 770 †
 Chaffanjon, M., exploration of the vicinity of Maracaibo lagoon, xi. 455; journey to the head-waters of the Orinoco, vii. 397, 820, viii. 51, ix. 204, 255, 456, x. 96, 100; L'Orénouque et le Caura, xii. 572 †
 Chagga, E. Africa, vii. 140, xii. 176; platform of, v. 546, 547
 Chagos group, Island of Diego Garcia, Bourne, viii. 385 *
 Chagres river, Central America, x. 665
 Chaguwari Kwa Majuni, Nguru country, v. 519, 528
 Chahar Aimak tribe, viii. 148
 Chahârdângelh, Fârs, xiii. 290
 Chahar-mahal district, Persia, v. 133, 145
 Chahar-shambeh, viii. 268
 Chahgazak, Afghanistan, vii. 166
 Châh-i-Kuh Heriz, xii. 587
 Chaia, Lake, Central Africa, i. 273
 Chai-chêng, Formosa, vii. 11
 Chaidam. *See* Tsaidam.
 Chailley, J., Paul Bert au Tonkin, xii. 366 †; La Colonisation d'Indo-Chine, xiv. 868 †
 Chaix hills, Alaska, ix. 273, xi. 431
 Chaix, P., on Swiss Triangulation, vii. 257 †
 Chaix, Prof. E., An Excursion to Mount Etna, xiii. 183 †; Carta Vulcanologica dell'Etna, xiv. 136; La Vallée del Bove et la Végétation . . . Supérieure de l'Etna, xiv. 130 †; photographs of Mount Etna, xiii. 136
 Chakanipan, latitude and height of, iii. 178
 Chaklik village, Tibet, ix. 739
 Ohak Mak Kul, xiv. 17
 Chakmanni tribe, Afghanistan, i. 643
 Chala, Lake Kilimanjaro, vi. 673, vii. 158, ix. 47; visit to, Anstruther, xiii. 608, Mrs. French-Sheldon, xiii. 431
 Chalas river, Persia, v. 60, 61
 Chalchilian pass, North Persia, v. 78
 Chalganak, vii. 238
 Chalim-dara mountains, viii. 44
 Chal-i-moreh valley, South Persia, v. 160
 Chalitmiut, Alaska, iv. 668
 Chalkar, Lake, xiv. 319

- Challenger*, H. M. S., deep sea soundings of, viii. 333, 334; Experiences Afloat and Ashore during the Voyage of, Wild, i. 152†; Meteorological Results of the Expedition in Relation to Physical Geography, Buchan on, xiii. 137*; Notes by a Naturalist on, Moseley, i. 346†; Scientific Results of the Voyage of,† vi. 485, 610. vii. 263, 557, 833, viii. 477, ix. 324, 720, x. 543, 744, xi. 60, 124, 397, 734, xii. 122, xiv. 267
- Chalmers, Rev. Jas., explorations in New Guinea, i. 67, 362, ii. 315, vi. 156, 216, 372; (Kabati district), iii. 226; (South-Eastern), ix. 71*; Pioneering in New Guinea, ix. 394†; Work and Adventure in New Guinea, viii. 408†
- Chaltin, Lieut., exploration of the Lulu river, xiv. 636
- Chamacoco tribe, Bolivia, iii. 410
- Chamarops humilis*, xii. 621
- Chaman-i-had, Afghanistan, vii. 280, 562
- Chaman-i-N., N. Persia, v. 73
- Chamberlain, B. H., The Language, etc. of Japan, with an Ainu Grammar, Batchelor, ix. 316†
- Chambezi river, Central Africa, v. 659, 690, xii. 733, xiv. 46
- Champa, S.E. Asia, iv. 656, 657
- Champain, Col. J. U. B., v. 130, 383; ascent of Mount Demavend, v. 170; obituary of, ix. 196; on Means of Communication between Central Persia and the Sea, v. 121*; on route surveys in Northern Persia, v. 169; on telegraph lines in Persia, i. 270
- Chan, Santa Cruz, xi. 25
- Chan-bar-kai-chor river, Central Asia, xii. 85
- Chanchamayo, Peru, ix. 505; montaña of, xiv. 394; river, xiv. 385
- Chanoban, Rio, S. America, xiv. 127
- Chanchech creek, British Honduras, ix. 422
- Chancourtois, M. de, on the unification of the meridian, vii. 51
- Chanda, viii. 691, 692
- Chandler Flord, viii. 159, 175
- Chandless, W., Exploration of the Purus and Agout rivers, xii. 240; river in Brazil named after him, x. 795
- Chandry river, v. 709, 713
- Chandyr river, i. 176
- Ch'ang-an Sa, Korea, xiv. 146, 147
- Chang-jin, viii. 303
- Ch'ang Pai Shan, Korea, viii. 779, ix. 533, 541, 566, x. 485, xiv. 158; Journey to, Campbell, xiv. 141*. See Pai-shan, and Peik-tu-San.
- Chang-sha, China, ii. 158
- Chang-tang, Plain, Tibet, vii. 69, 72, 84
- Changu Kang mountain, Sikkim, iii. 329
- Chan-hai-king, J. de Rosny, xiv. 132†
- Chandler, A., expedition to East Africa, xiv. 893
- Chan-pai Shan. See Chang Pai.
- Chantabun, Siam, trade of, vi. 580
- Chantre, Ernest, Recherches Anthropologiques dans le Caucase, x. 311†; on the Sannetic language, x. 335
- Chantre, Mme. B., A Travers l'Arménie Russe, xiv. 807†
- Chany, Lake, desiccation of, 645
- Chao-hsi Sing, mausoleum of T'ai Tsung's Empress, v. 29
- Chaoni, Mount, East Africa, height of, x. 25
- Chaour-ta glacier, xi. 671, 675
- Chapada da Mangabeira, viii. 359
- Chapar rift, ii. 535, 536
- Chapara plateau, Brazil, xii. 42
- Chapin, F. H., Mountaineering in Colorado, xii. 248†; photographs of mountain scenery in Colorado, x. 404
- Chapman, F. M., on the prairie fires of North America, xiv. 95
- Chaprot Fort glacier, Himalayas, xiii. 410
- Charna, W. Africa, xiv. 514
- Charabamba, town of, Bolivia, v. 340
- Charbagh, Valley of, Persia, v. 77
- Charchani, Mount, Peru, altitude of, xii. 229, xiii. 48
- Char-darya pass, Hindu Kush, i. 116
- Chardin, Sir J., Travels in Persia, xiii. 243†
- Chardinga, Shateit river, xiii. 595
- Charencey, Comte de, on the language of the Basque race, x. 388
- Chargut Cho, Lake, Tibet, xiv. 320
- Charikar, Hindu Kush, i. 119
- Charishli, Turkomania, vii. 234
- Charjui, Trans-Caspian railway to, viii. 267
- Charjui-daria, or old southern channel of the Oxus, iv. 221, 222
- Charkhaneh hamlet, Persia, v. 77
- Char Kor, xii. 535, 537
- Charles island, Galapagos, ii. 747, 748
- Charmetant, Piero, on the future of African populations, ii. 388
- Charnay, Desiré, Ancient Cities of the New World (Mexico and Cent. America), ix. 393†; award of Paris Geographical Society's medal to, vi. 346; exhibition of Mexican antiquities, v. 175; journey in Java and Australia, i. 275, ii. 67; journeys and discoveries in Mexico and Guatemala, ii. 252, iii. 501, iv. 565, v. 201, vi. 343, ix. 128; on ancient cities of the New World, vii. 193; on the age and origin of the indigenous American civilization, v. 44, 45; on the monuments of Yucatan and Mexico, v. 44, 427
- Charron Peak, Caucasus, xiii. 324
- Charts, Admiralty, etc., i. 157, 352, 413, 615, 750, 751; ii. 78, 206, 334, 398, 528; iii. 120, 255, 444, 701; iv. 188, 255, 581, 711; v. 117, 310, 376, 439, 631, 686, 751; vi. 240, 362, 549; vii. 62, 136, 267, 414, 559, 700, 838; viii. 216, 286, 414, 542, 677; ix. 65, 139, 329, 465, 725; x. 59, 115, 323, 482, 547, 675; xi. 62, 126, 259,

Chart, Admiralty—continued—

- 402, 522, 639; xii. 191, 254, 370, 574, 646, 774; xiii. 184, 246, 379, 574, 697, 746; xiv. 67, 138, 270, 351, 431, 510, 581, 734, 816, 882
- Chashma Bulazun, Persia, xii. 589
- Chashma Islim, Afghanistan, vii. 562
- Chashma Sabz pass, Afghanistan, vii. 279
- Chashmeh, Persia, v. 70
- Chashmeh (= spring), villages in Persia so designated, v. 64, 68, 69
- Chatadhar ridge, Himalayas, v. 616, 620, 624
- Chatelain, M. H., curvimeter of, viii. 126
- Chatham islands, map of, from surveys by S. P. Smith and J. Robertson, x. 260; visit to, Forbes, 718
- Cha-tong-ka, Formosa, vii. 8
- Chaudoin, E., *Trois Mois de Captivité au Dahomey*, xiv. 341†
- Chavagnac, M. de, *De Fez à Oudjda*, ix. 779†
- Chavanne, Dr. J., Afghanistan, Land und Leute, i. 147†; Afrika im Lichte unserer Tage, iii. 375†; Die Sahara, i. 148†; maps by:—, Africa (physical, wall), i. 816, iv. 458; *id.*, Central, iii. 700; Equatorial, vi. 487, note on, 476; America, Central, and West Indies, iv. 454; Asia (physical, wall), iii. 512; *id.*, Central, ii. 329; mapa de los Ferro-Carriles, etc., de la Republica Argentina, xii. 774; on the mean level of Africa, iv. 95; Physikalisch-statistischer Hand-Atlas von Oesterreich-Ungarn, iv. 584
- Chavannes, M. de, on the position of Boko-Songo, x. 596; work on the Congo, xi. 48
- Chaw tribe, Burma, iv. 323
- Chebakly, Lake, desiccation of, viii. 645
- Chechens, Caucasus, Language of the, Baron Usilar, x. 736†
- Cheda, Mount, height of, vii. 50
- Chetu, Harbour of, xiv. 705
- Chegem Group, Caucasus, xv. 100
- Chehar Lang tribe, S.W. Persia, xii. 544
- Cheik-Said. *See* Sheik.
- Chekanovsky, A., Die Hauptresultate von Forschungen von, in Nord-Sibirien (map), i. 413
- Chella, Sierra de, South-West Africa, v. 459
- Cheloniidae, East Africa, x. 29
- Cheloniidae, Caucasus, xiii. 320
- Chetu, A., Le Nil, le Soudan, l'Égypte, xiv. 871†
- Chemen-i-Bid, Turkostan, v. 7
- Chemical Oceanography, sub-section of British Association on, xiv. 627
- Chenab river, v. 616, 618, 620, 624; fall of the, vii. 709
- Ch'êng Hai lake, viii. 378
- Chên-ning in Kwei-chou, China, v. 447
- Chentu people, Central Asia, xii. 85, 87, xiii. 210
- Chepmi, semi-nomad tribe of Asia Minor, vi. 314
- Cheragh-Tash, or lamp rock, Pamir, ix. 70

Cherchen oasis, vii. 809

Cherchu, Central Asia, xii. 84

Chering Chitsum, Tibet, v. 665

Chemyshef, M. A., on the Timan expedition, xiii. 172

Chersky, M., exploration of Lake Baikal, i. 281; geological map of the same, ix. 51; exploration of the Verkhoyansk and Stanovoi mountains, xiv. 409

Cherubini, C., Carta in rilievo dei Laghi Lombardi, vi. 611; delle Alpi Occidentali e dell' Appennino, iv. 327

Chervin, Dr., on the development of French population, xi. 181

Chesney, Hon. E., Alexander the Great's Invasion of India, xii. 301†

Chetang, Tibet, vii. 77, 812; discharge of Sanpo above, vii. 321

Chevoy, Bolivia, v. 338

Chewa tribe, ix. 115

Chewings, Charles, Central Australia, xiii. 343*; journey to the sources of the Finke river, ix. 192

Chewsuren, the, and their Country, Radde, i. 77†

Cheyne, Commander, scheme for a North Pole expedition, ii. 759

Chhol-wön, Corea, vii. 609, 610

Ch'ung-ch'ang, Korea, xiii. 300

Ch'ung-ch'ang, Korea, xiii. 609

Chlm-san, Korea, viii. 302

Chia lake, Nyasaland, i. 291

Chia river, Central Africa, viii. 736

Chiamdo Chu river, Tibet, vii. 70, 75

Chiamdo, Tibet, v. 665, 666, xiv. 320

Chiarini, Signor, expedition in Africa, ii. 318; death of, ii. 508

Chibehas of Colombia, the, v. 266; xiv. 853

Chibchibte, E. Africa, iv. 746

Chibinga, town of, viii. 73, 74

Chibiquas tribe, South-West Africa, v. 465

Chiburwe, ruins at, xiv. 293

Chichenitza, Yucatan, v. 45

Chi-chou, China, v. 23

Chico rapid, Bolivia, v. 339

Chico, Southern, Discovery of the Sources of the, Don Ramon Lista, i. 683

Chien-ch'ang valley, viii. 373

Chieng Dow village, Shan States, xiii. 704

Chieng Kwang, Siam, x. 127

Chiengmai District, Siam, Report on a Journey in, Archer, x. 539†

Chieng Sen plain, Shan States, xiii. 706

Chieng-Tung, Mr. W. Archer's journey to, xi. 242

Chiga range, E. Africa, iv. 202

Chigunda Languages of the Lower Zambesi, Laws, ix. 58†

Chigwadu, village of, slave dealing at, vi. 725

Chihachef. *See* Tchibatchef.

Chikala hill, E. Africa, vi. 716, 718, 723, x. 25

Chikishlar, Caspian, v. 392; bay of, i. 172

Chiktym, Central Asia, xiii. 222

Chikusi, chief of district, Nyasaland, i. 308, ix. 185, 186

Chilean country, Alaska, Lindeman on the, xiii. 295; map of, Krause, v. 750; passes and tribe, xiii. 72, 73; Indians, iv. 568; river, xiii. 76, 77

Child, T., The Spanish-American Republics, xiv. 427 †

Children river, North America, v. 640

Chilomba village, E. Africa, vii. 663

Chili plain, Central Asia, xii. 58

Chili—

Andes of, explorations in, Kurtz and Bodenbender, x. 168, xii. 752, xiii. 396; Journey in, Güssfeldt, x. 108 †

Boundary with Argentina, iii. 490; Argentine, ii. 71; map of, Chilean Consulate Office, iv. 128; with Bolivia, 75

C. and the River Plate in 1891, Morant, xiii. 740 †

Dark Days in (Revolution of 1891), Hervey, xiv. 428 †

Flora of, changes in, viii. 786

History of the Discovery, etc., of, Polakowsky, viii. 346 †; of Voyages to, xii. 770 †

Hydrographic Annual of Coasts of, Gormaz †, ii. 72, iii. 248

Map of, Opitz and Polakowsky, xiii. 697

Meteorological Society's Annual, ix. 460 *

New provinces in, ix. 443

Sketches of, during the War, Boyd, iii. 443 †

Southern, breaks in Andean watershed of, ix. 580; map of, *Petermann's Mitteilungen*, ii. 398

Synopsis of Geography and Statistics of †, ii. 201, viii. 345, ix. 460

Wheat culture in, Newman on, x. 796

Work on, Comte de Robiano, v. 49 †

Chillongo bay, W. Africa, ii. 707

Chiltán, Great mts., ii. 234

Chilúa, District of, East Central Africa, v. 585

Chiluan island, mouth of Sabi river, v. 271

Chilwa, or Kilwa island, Lake Mweru, xiv. 39, 44

Chilwa lake. *See* Kilwa and Shirwa.

Chimananimani pass, xiii. 588

Chiman-tagh mts., position of, xi. 375, 376

Chimbi river, ruined stone kraals at the, xiv. 298

Chimbo river, Ecuador, iii. 454

Chimborazo mt., iii. 462, xiv. 127; Whymper's ascent of, ii. 252, 267, 570

Chimmo, Capt. William, obituary of, xiii. 727

Chimsaka's village, Africa, v. 395

Chin and Lushai hills, xiii. 402

Chin river, China, i. 518

Chiu tribe, Burma, iv. 323; vii. 314, xi. 206; expeditions against, xi. 682

China [*see also* Chinese]—

Across, Rousset, i. 77 †

Ancient map and surveys of, vii. 306, 307

China—continued—

And its inhabitants, Piassetsky on, iii. 57
And the Roman Orient, Hirth, vii. 693 †
Atlas, historical, of, Oxenham, x. 403;
orographical and geographical, Richt-
hofen, vii. 702

Bibliographical Dictionary of, Cordier †,
i. 221, ii. 458

Cities and Towns of, Playfair, ii. 589 †

Claims of, in the Pamir, xiv. 31

Coalfields of, ii. 159-162

Conservation of waterways in, i. 718

Customs, Imperial Maritime, Reports-
on, ix. 649 †

English Life in, Knollys, viii. 132 †

Famine in, map of distressed districts,
xi. 258

Flight of the *Lapwing*: Jottings of a
Naval Officer, Shore, iii. 189 †

Frontier with Russian possessions, de-
limitation of, iii. 736

Great wall of, x. 489; Von Müllendorf
on, iv. 99

Inland mission in, work of, i. 355

Journeys in:—Cotteau, iv. 104; Hos-
kier, iii. 114 †; McCarthy (Chin-
kiang to Bhamo), i. 127, 489 *;
Morrison, i. 127, ii. 145 *; Rockhill,
xiv. 60 †

Map of, China Inland Mission, i. 80

Meteorology of, Devéria, ii. 375

New route to, *see* *China* and
Dampier Straits, v. 515

Old Highways in, Williamson, vii. 405 †

Overland route to, from India, *via* Assam,
Lepper on, iv. 623

Pekin and the Interior of, Rochechouart,
i. 148 †

Physical and Social aspects of, Baber,
v. 441 *

Population of, v. 443, 454, ix. 57

Portuguese in, Account of the Estab-
lishment of, V. de Santarem, i. 740 †

Railway connection with Siam and
India, Survey for, Hallett, viii. 1 *

Railways in, xix. 723

Relations with Cochín China, 16th to
19th Century, Devéria, ii. 324 †; with
Central Asia, *see* *China* and
the West, *see* *China*, ii. 112

Resistance to Western influences, xi. 419

River of Golden Sand, Gill, ii. 200 †

Sea Route to, from Western Asia, Oldest
Records of, Yule, iv. 649 *

Surveys on coasts of, Admiralty, ii. 419,
iv. 338, 553, v. 598, x. 418, xiv. 378

Tibetan Borderlands of, Exploration
of, Pratt, xiii. 171, 329 *

To the Snows of Tibet through, Pratt,
xvi. 425 †

Trade, Customs returns of, viii. 600, xi.
54; trade routes to, v. 451

Travels in, Piassetsky, vi. 54 †; Perc-
Rhodes, vii. 617 †; Wilson, ix. 779 †

Works on, Douglas, viii. 211 †; Richt-
hofen, iv. 389 †

China, Central—

Climate of, Oxenham on, ii. 46

China, North (North-East, North-West)—

And Korea, Rees, viii. 733 †

Journey in, Hillier, i. 517

N.E., travels in, Von Möllendorf, iii. 101

N.W., journeys in, Easton, ii. 314;

Potanin, ix. 233

Royal Asiatic Society, N. China Branch,

Journal of, vii. 765 †

China, South (South-East, South-West)—

Early explorations in, iv. 715

Journey through, Colquhoun, iv. 168,

234, 378, 548, 713 *

Miao-tsze tribes of, visit to, Broumton,

iii. 225

Report of a Journey in, Bourne, x. 539 †

S.E., map of the mission to Tchen-ly in,

xii. 772

S.W., Journeys in, Hosie, vii. 763, viii.

371 *

Map of part of, *Peterm. Mitt.*, v. 116

Railway connections with Burma, pro-

ject of, Bourne on, x. 381

China, Western—

Aboriginal tribes of, Nicholl on, ii. 702

Expedition through, iv. 168, 548

Journeys in, King, ii. 188; Széchenyi,

i. 737, 792, ii. 196

Three Years in, Hosie, xii. 569 †

Trade of, xiii. 258, 262

Travels in, De Bezaure, i. 404 †

Chinanimani pass. *See* Chim-

Chinanteco tribe, Vera Cruz, ix. 568, 570

China rock, coral reefs, v. 508

China Straits, scenery of, v. 507

Chin-chiang-kai town, viii. 379

Chinchona cultivation in Réunion, St.

John on, ix. 578

Chinde river, Zambesi delta, xii. 714, *et**seq.*; Rankin on, xii. 136 *

Chindrass gold mines, Malay Peninsula,

iv. 399

Chindwin River, Explorations on, Wood-

thorpe, xi. 197 *. *See* Kyendwin.

Chinebowie, British Guiana, vii. 499, 523

Chinese colonists in N. Borneo, iii. 207,

208; emigration, v. 448; De Groot on

the causes of, xiii. 557; emperors, burial

place of, v. 25; empire, progress of

geographical knowledge of, since 1830,

iii. 614; *Li* measure, variability of, iv.

717; rule in Central Asia, iv. 620

Chinese, Southern, advance of the, Hallett

on, v. 672

Chinese Travellers. Journeys in, Bonvalot,

xii. 23, 24; *et seq.* v. 731 *; Dau-

vergne, Walker on, xiv. 779 *; Gromb-

chevski, ix. 508

Chingambo mountains, Central Africa,

xiii. 92

Chingmi tribe, Bhutan, x. 420.

Chingpaws, Upper Burma, xiv. 162, 163.

See also Singphos.

Ching-ting-fu, xii. 58

Chin-kiang, Journey from, to Bhamo,

McCarthy, i. 489 *

Chin-nan-kuan, Southern China, xiii. 252

China, tribe of, vii. 314, xi. 206; expe-

ditions against, xi. 682

Chin-Sha-Chiang river, v. 665 *and note*,

vii. 75, 308, viii. 378, 379

Chinyanja Language, Nyasa, Grammar of,

Riddell, ii. 271 †; Table of Concords,

Laws, ix. 58 †

Chinzi-kurza, Central Asia, xii. 82

Chipanda river, Central Africa, ix. 177

Chipatula's, Lake Nyasa, i. 315

Chiperoni hill, E. Africa, vii. 431, 651,

660

Chipeta, tribe, ix. 115

Chipewyan, fort, Athabasca district, v.

634, 644, 652, 653; Catholic mission

near, v. 642

Chipewyen Tinney, Indians, v. 644, 648

et seq.

Chiproni mount, E. Africa, vii. 434

Chipoka's village, vii. 653, 658

Chippindall, Lieut. W. W., Observations

on the White Nile, 1875, x. 107 †, xi. 642

Chiquitos, the open lands of, iii. 408

Chira oasis, vii. 807

Chirchik Salt-marsh, Central Asia, x. 505

Chirchik river, E. Africa, xii. 747, 748

Chiriqui, S. America, xii. 673

Chiriqui, S. America, xii. 673

Chiro, Shire river, xiii. 607

Chiron, M. T., on the structure of the

Vosges mountains, xiv. 318

Chirwe, Central Africa, xii. 748

Chirvin, Dr., on the population of France,

ix. 204

Chirwa or Chisi island, Lake Shirwa, x. 30

Chisholm, G. G., Commercial Geography,

smaller, xii. 439 †; Handbook of, xi.

635, xiv. 505 †; Five-shilling Atlas.

Longman's, xii. 711; School Geography,

Longman's junior, x. 398 †; for Aus-

tralia, x. 543 †; Longman's, for India

and Ceylon, xiv. 502 †; for North

America, xii. 642 †

Chitambo of Ilala, gift by R. G. S. to, xi. 175

Chitesi, chief, iv. 484

Chitral, tour in, Biddulph, i. 794 †; expe-

dition into, McNair, v. 552; valley of,

i. 111, v. 720

Chittenden, N. H., exploration of Queen

Charlotte islands, vii. 462

Chitumadshi plain, xi. 72

Chium-Chium pass, ix. 223 *note*.

Chiuta islands and lake, E. Africa, vi. 531,

713, 720, vii. 433, viii. 99, x. 31

Chiu-ya-p'ing, viii. 378

Chivaru's town, E. Africa, iv. 82

Chiwone river, S. America, ii. 571

Chiwere, E. Africa, xii. 744

Chiyombe forest, Congo, v. 287

Chi Yün Ho, China, v. 23

Chizonzi, E. Africa, vii. 649

Chobe (or Kwando) river, Central Africa,

i. 383, ii. 175, iii. 391, vi. 27, 29, xi. 69;

explorations of, Selous, iii. 171; notes

on, Bradshaw, iii. 208; tribes at the

confluence of, v. 167

- "Chob-i-Siyah," blackwood, Persia, v. 712
 Chob-en, idol temple of, vii. 168
 Chodzko, General, survey of the Caucasus, x. 684 *note*
 Cho-ha town, viii. 225
 Choisy, A., Le Sahara, Souvenirs d'une Mission à Goleah, iv. 120 †; surveys for proposed Trans-Saharan railway, ii. 433
 Choknisan volcano, Japan, ix. 93
 Chokhamo lake, Sikkim, iii. 327, 328
 "Chol," the, of the Turkomans, vii. 569
 Chola range, Sikkim, iii. 323, 324, 327
 Cholet, Comte de, Arménie, Kurdistan et Mésopotamie, xiv. 569 †
 Cholet, M., ascent of the Sangha river, xiii. 38, 393; journey in West Africa, x. 101
 Cholo hill, E. Africa, vii. 653
 Choltan mountains, Central Asia, xiii. 221
 Chombe Mount, Lake Nyasa, i. 293
 Chomnaga valley, Sikkim, iii. 326
 Chomora-wa, Tibet, poisonous insects at, vii. 77 *and note*
 Chong Jangal, Turkestan, xiv. 781
 Chong-Kak, the "Bell Kiosk," Corea, v. 282
 Chong Kum Kul, Tibet, ix. 740
 Chong-ro, or "Bell Roads," v. 282
 Chor, peak and axis of the, v. 617, 618
 Choroschchin, M., map of the distribution of the Cossacks, v. 309
 Choshu province, Japan, ix. 98
 Chosün, The Land of the Morning Calm (Korea), Lowell, viii. 275 †
 Chotts of Rharsa and Melrir, iv. 366, 377
 Choungtha tribe, Burma, iv. 323
 Chowsam, Kamti chief, map by, vii. 319
 Christaller, Rev. J. C., Explorations in the Basin of the Volta, by Basel missionaries, viii. 246 *
 Christiania, geographical society of, proceedings of, Feb., 1890, xii. 177
 Christianity, Islam, and the Negro Race, Blyden, x. 50 †
 Christianshaab, maximum temporeture of, vii. 179
 Christison, Dr., Journey to Central Uruguay, ii. 663 *
 Christmas Island, Indian Ocean, Account of, Wharton, x. 613 *
 Christopher, Lieut., journey in Somaliland, vi. 256
 Christ's Hospital, nautical school of, iv. 298, 300
 Christy, Mr., on the Beni region, v. 346
 Christy, M., Why are the Prairies Treeless?, xiv. 78 *
 Chrysê, Across, Colquhoun, v. 300 †; Ancient Indo-China, iv. 654
Chrysobalanus Icaco, xii. 601
 Chrystal, Professor, survey of Færoe channel, v. 594
 Chu, village of, vii. 229
 Chûba, proper spelling of the Chupat river, v. 84
 Chubiani, houses and towers of, Caucasus, x. 335
 Chubut or Chupat river, Patagonia, v. 89, ix. 384, xii. 291; region of, vii. 342; record of expedition to, xi. 514 †; Welsh colony of, visit to, Durnford, v. 84
 Chudleigh, Labrador, vii. 341
 Chugani or Chuguni tribe, Kafiristan, Tanner on, i. 714, iii. 278 *
 Chukcho peninsula, ii. 64; Drs. Kransen's expedition to, 1881, iv. 92, 621; map of south-eastern part of, Bremon Geo. Soc., iv. 253
 Chukche tribe, i. 801, ii. 54-56, 63, iv. 180; Dall on, iii. 568; Nordquist on the true name of, iii. 365
 Chuma, Livingstone's attendant, ii. 741; reward to, from the R.G.S., ii. 761
 Chumalari peak, Sikkim, iii. 333
 Chumbi, Sikkim, iii. 324
 Chumbiri's town, remarkable stone hill near, vii. 359
 Chunchu Muerto rapid, Bolivia, v. 339
 Chung-king, or Ch'ung-ch'ing, China, i. 494, xiii. 331; trade of, viii. 381
 Chunyo peaks, Central Africa, iii. 548
 Chupat. *See* Chubut.
 Church, Col. G. E., on the physical geography of Brazil, viii. 370; remarks on the Beni, v. 342, 347; on the Gran Chaco, xi. 151; on the Physical Geography of Brazil, viii. 370; on the River Ucayali, xiv. 396; report on Ecuador, v. 351; the Venezuela Central Railway and its Sources of Traffic, x. 321 †
 Church Missionary Society, atlas of the, i. 288; geographical work in Africa, i. 361; maps of Africa, i. 287; operations on the Victoria Nyanza, i. 135, 136, 685, ii. 44; Proceedings of, xiv. 730 †
 Churchill river, Hudson's Bay, iii. 579, v. 648
 Churchward, W. B., My Consulate in Samoa, ix. 657 †
 Chypre. *See* Cyprus.
 Cicquel Raoul, volcanic island, off New Guinea, v. 511
 Ciénaga Grande, S. America, iii. 719
 Cieza de Leon, Don Pedro de, on Colombia, v. 266
 Cilicia Trachia, Explorations in, Bent, xii. 445 *
 Cilician Gates, pass of the, Asia Minor, vi. 315, 320, viii. 96
 Cimabéas race, Ovpampoland, iv. 96
 Cinchona from the Patia and Cauca valleys, v. 259, 260
 Circassin, Views in, Admiral S. Brock, xiv. 173 *
 Circassians, in Asia Minor, vi. 313
 Circumpolar expeditions, international, vi. 595
 Cisneros, Mr., railways in course of construction by, in Columbia, v. 261
 Citium, Cyprus, i. 98

- Civezza, M. da, *Bibliographia Geographica Historica Ethnographica*, v. 326 †
- Civiale, A., *Carte des Alpes de la Savoie*, etc., ii. 591; *Les Alpes au point de vue de la Géographie physique et de la Géologie*, iv. 115 †
- Clapier, Col du, viii. 642, 644.
- Clapperton, Capt., *journey across the Kong mts.*, iv. 485
- Clarence, Duke of, *letters of condolence on the death of*, xiv. 125
- Clarence peak, Rogozinski's ascent of, xii. 289. *See* O-Wassu.
- Clarendon mount, E. Africa, vii. 434
- Clark, Commander B. F., *report on Easter Island*, v. 40
- Clark, E., *A Visit to South America*, i. 284 †
- Clark, H. J., *Trinidad*, viii. 749 †
- Clark, Latimer, *Transit Tables for 1887*, ix. 59 †
- Clarke, C. B., *A Class Book of Geography*, xi. 517 †
- Clarke, Col. A. R., *Geodesy*, ii. 462 †; *survey work of*, vii. 684-688
- Clarke, Col. Sir A., *on surveys in the Malayan Peninsula*, iv. 409
- Clarke, G. W., *journeys in China*, x. 491
- Clarke, H., *The Iberian and Belgian Influence and Epochs in Britain*, xi. 754 †
- Clarke, Major F. C. H., *Kuldja*, ii. 489 *; *Statistics and Geography of Russian Turkestan*, ii. 69 †
- Clarke, Rev. W. B., *obituary of*, i. 368
- Clarke's Rock mountain, *rock salt in*, v. 687
- Clarke, Sir Marshall, *unexplored Basutoland*, x. 519 *
- Clauss, Dr. O., *expedition in Brazil*, viii. 517; *map of surveys from Cuyabá to the Batovy*, viii. 542
- Clavus, Claudius, *map of Scandinavia*, v. 177
- Clay, Dr. F. R., *Mapa de la isla de Cuba*, iv. 710
- Clayden, A. W., *perspective maps and common maps*, x. 668
- Clear lake, *North America*, v. 640
- Clear-water lake, *Labrador*, ix. 193
- Clear-water river, v. 635-638
- Clements Markham Inlet, viii. 173
- Clerke, Miss E., *the Aborigines of Western Australia*, xiii. 631
- Clérôt, V., *Carte de tous les chemins de fer de l'Europe*, etc., i. 347
- Climate, *effects of, on character of people*, xiv. 225; *of to-day, constancy of the*, Brückner, xi. 387, 388
- Climates of the globe, *Tillo on the*, ix. 763
- Climatic Changes of later Geological Times, *Whitney*, v. 114 †
- Climatology, *Hann's book of*, v. 626 †; *Wärmearomalie des* Januar, *map*, xii. 54; *Peuck on*, xiii. 50
- Clodd, E., *Reminiscences of Mr. Bates*, xiv. 253
- Cloudy mountains, *New Guinea*, v. 507, ix. 81
- Clowey river, *North America*, v. 729
- Clutterbuck, W. J., *A ramble in British Colombia (in part)*, xi. 59 †; *About Ceylon and Borneo*, etc., xiii. 798 †; *The Skipper in Arctic Seas*, xii. 249 †
- Clyde, J., *Elementary Geography*, xiv. 875 †; *School Geography* †, viii. 802, xii. 307
- Clyde Sea Area, *The, Mill*, xiv. 567 †; *salinity of, id.*, x. 667
- Coahuilla valley, *California*, xiv. 311
- Coal on the Rovuma, iv. 65; *in Spitzbergen*, *Cremer on*, xiv. 182
- Coast-lines, *changes in, Phené*, xiii. 630; *Geographical Development of, J. Geikie*, xiv. 639 *
- Coban, *town of, Guatemala*, v. 191
- Cobb, Mr., *report on the climate of the Falkland Islands*, x. 797
- Cobham, C. D., *Bibliography of Cyprus*, ix. 57 †
- Coblenz, *map of the neighbourhood of*, v. 627
- Cobungu Indians, ii. 468
- Cochabamba, *Bolivia*, v. 314
- Cochard, Léon, *Paris, Boukara, Samar-cande*, xiv. 60 †
- Cochin, *S. India*, vii. 731
- Cochin China—
Excursions et Reconnaissances †, vii. 554, 693, viii. 341
Explorations in:—Adams (narrative of), i. 221 †; *French*, iv. 766; *Gautier*, iv. 386, 437, 564; *Neis*, iii. 242
French, climate of, iii. 364; *in 1878*, i. 76 †; *Morice on*, ii. 520
Geographical notes on, Tremlett, i. 391
Maps of:—v. 375, 436, xii. 54; *Bianconi's*, xi. 62
The C. C. Contemporary, Bouinain and Paulus, v. 676 †
- Cochran, William, *Pen and Pencil in Asia Minor*, x. 106 †
- Cockin, Mr., *ascents of Caucasian peaks*, xi. 370
- Cockscomb Mts., *Expedition to, Bellamy*, xi. 542 *
- Cocochinchin village, *Akim*, v. 39
- Coco-nut palms and oil manufacture at *Diego Garcia*, viii. 388
- Cocos islands. *See* Keeling.
- Cod, Cape (Cabo de Baxos), *the place of, in the old cartology*, De Costa, iii. 115 †
- Coddington, Colonel F., *survey work in India*, x. 650
- Codrington, R. H., *The Melanesian Languages*, viii. 280 †; *the Melanesians, their Anthropology and Folklore*, xiii. 571 †
- Cocillo, F., *La Cuestión del Río Muni*, xi. 315 †
- Coen, Gustavo, *Le Grande Strade del Commercio Internazionale proposte fino del secolo xvi.*, x. 179 †

- Coffinières de Nordeck, Lieut., *Voyages aux Pays des Bogos et du Rio-Nuñez*, viii. 405†
- Coghlan, Staff-Commander, survey of western coast of Australia, v. 597
- Coghlan, T. A., the Wealth and Progress of New South Wales, 1886-87, x. 398†
- Cohen, A., account of Mr. Stanley's station at Vivi, iii. 97
- Cohen, Prof. E., xii. 612
- Coillard, M., explorations in South Africa, ii. 320, iii. 55; journey to the Upper Zambesi, vii. 540, 610
- Coipasa Salinas, Bolivia, iv. 673
- Colan, Dr. T., obituary, viii. 436
- Colange, L. de, the National Gazetteer, vii. 197†
- Colberg, map of the environs of, ix. 326
- Cold Lake, Athabasca district, v. 649
- Cole, G. R. Fitzroy, the Peruvians at Home, vii. 56†
- Colebrooke, Sir Edward, obituary of, xii. 392
- Colenso, Bishop, first steps in Zulu grammar, i. 202
- Coleroon river, S. India, viii. 695
- Coles, John, on lands still available for European settlement, xiii. 34; on Mr. O'Neill's astronomical observations, vii. 449; report on the scientific instruction to intending travellers, iii. 237; Summer travelling in Iceland, iv. 513†; the Art of Observing, xiii. 629†
- Colin, Dr., journey in Senegal, vii. 50, x. 170; photographic views of Senegal, v. 174; survey work in Bambuk, xi. 175
- Collendia, New South Wales, government map of, v. 310
- Collens, J. H., Guide to Trinidad†, ix. 394, xi. 58
- Colleville, Rev. M. de, Belgique et Congo, ou Richesse, Bienfaisance et Gloire, viii. 274†
- Collingridge, G., the Early Discovery of Australia, xiv. 875†
- Collingwood, Dr., on South Formosa, vii. 22; on the shoaling of the harbour of Kelung, vii. 4
- Collins, J. H., Trinidad Official and Commercial Register, xiv. 728†
- Collins, Lieut., survey for the American Inter-oceanic Canal, ii. 192; Reports on the same, ii. 201†
- Collins, W. & Sons, comprehensive and students' atlases of modern physical and historical geography, iii. 127
- Collinson, Adm. Sir R., Journal of H.M.S. *Enterprise*, xii. 182†; on the search for the *Jeannette*, iv. 33, 84; obituary of, v. 606, 734
- Colmer, Mr., receives Murchison Premium on behalf of Mr. Ogilvie, xiii. 494
- Cologne, maps of, Algerissen (environs), iii. 382; Ilajn. iii. 745
- Colomb, Capt., on the Arctic expeditions of 1878, i. 36
- Colomb, Lieut., proposed expedition on the Indian frontier, xiii. 684
- Colombia (New Granada)—
Andes of, Journey in, Hettner, x. 604†; Cordillera of Bogotá, *id.*, xiv. 850*
Atlas of, geographical and historical, xiii. 891
Central Provinces of, Blake White on, v. 249*
Description of, Historical, Geographical, and Political, x. 51†
Dictionary, Geographical, of, Esguerra, i. 812†
Direction of rivers and mountains in, v. 249
Journeys in, Schenck's map of, v. 184, 438, vi. 110
Map of, Bianconi and Broc, x. 747
Minerals of, v. 267
Sierra Nevada of Santa Marta, Simons-on, i. 689*
Southern, table-lands of, v. 249
Travels in, Le Moyné, ii. 394†
United States of, Pereira, v. 306†
- Colombo, F., L'Autenticità delle Historie di, Peragallo, vii. 129†
- Colonial Book Circular and Bibliographical Record, ix. 721†
- Colonial Chronology, by H. J. Robinson, xiv. 811†
- Colonial Conference, International, at Paris, subjects to be discussed, xi. 437; 1887, Proceedings of the, xi. 463†
- Colonial Exhibition, Reports on, edit. Trueman Wood, ix. 323†; Report of the Royal Commission, ix. 590†
- Colonial geography in Paris, xiv. 554
- Colonial Institute, Royal, Proceedings of, xiv. 876†
- Colonial Review, International, issue of first number, vii. 543; vols. i. and ii., viii. 281†
- Colonies, British, Cooper, x. 479†; Papers issued by Authority of the Royal Commission, edit. Trendell, viii. 750†; the Colonies, 1492-1750, Thwaites, xiii. 570†; the Story of our Colonies, Bourne, xi. 60†
- Colonization, modern, Leroy-Beaulieu, xiv. 810†; of the trans-Caspian region, Annenkoff on, xi. 436
- Colorado, Atlas of, Geological and Geographical, Hayden, i. 160†; Bell on, xiii. 633; Desert of, New Lakes in, xiv. 258; *id.* Redway on, xiv. 309*; geological survey of, i. 285; maps of, Nell, ii. 464, Nell-Louis, ii. 718; mountaineering in, Chapin, xii. 248; photographs of mountain scenery of, Chapin, x. 404
- Colquhoun, A. R., Across Chlysê, v. 300†; Amongst the Shans, vii. 483†; Expedition through Southern China to Burma, iv. 168, 234, 378, 548, 713*, Yule on, iv. 558; medal awarded to (1884), vi. 340, 415; remarks on China, v. 456; on India-Siam-China railway connection,

Colquhoun, A. R.—*continued*—
 viii. 17; on Siam, x. 130; on the ruby
 mines of Burma, ix. 701; Report (with
 H. S. Hallett) on Burma-China railway
 connection, x. 48 †

Colston, Col., *Voyage du Caire à Kénéh*,
 Berenice et Berber, ix. 260 †

Colton, C. and B., maps by:—Colorado, i.
 351; New Mexico and Arizona, *ib.*;
 Virginia, Maryland, etc., *ib.*

Colugnape, Lake, Patagonia, v. 86

Columbia river, N. America, i. 700, xi.
 154; (Upper) Report on, Symons, iv.
 773 †; on the source of, Hayden, i. 721

Columbia, department of, map of, Symons,
 iv. 454

Columbus, Christopher—
 Burial place of, ii. 456
 C., and how he imparted the Spirit of
 Discovery, Winsor, xiv. 135 †
 C. C., by H. H. H. H., vi. 426 †
 C. C. e la sua Famiglia, errori del Sig.
 E. H. H., Peragallo, xi. 576 †
 Fourth centenary of the discovery of
 America, celebration of, xiv. 317; at
 Cadiz, xiv. 701; at Hamburg, xiv.
 554; at Huelva, xiv. 700, 797, 854;
 Markham on, xiv. 317 *

Landfall of, vi. 586, xiv. 592; Major on,
 vi. 42

Letter of, announcing discovery, xii.
 307, 641

Life of, Asensio, xiv. 266 †; H. H.,
 viii. 210 †

Origin of, Valado, ix. 721 †
 Resting place of, i. 346 †

Colville, Col. H. E., A Ride in Petticoats
 and Slippers, ii. 522 †; History of the
 Sudan, *ib.*; First Steps
 on the W., *ib.*; vi. 746 †

Colville Cape, New Zealand, the sub-
 marine volcano off, Hayward on, iii. 672

Colville region, map of, by the Northern
 Trans-continental Survey, v. 630

Comana, ruins of, Asia Minor, xiv. 58

Comarcas Virgenes, Las, Baldrich, xii.
 640 †

Comas, Peru, xiv. 391

Comber, Rev. T. J., Explorations in the
 Cameroons and Congo, i. 225 †; Jour-
 neys in Congo, i. 329, 357, 666, ii. 366,
 562, iii. 20 †; attack on, ii. 765; visit
 to Arthington Falls, iii. 99; journey
 to the Congo by Makuta, iii. 310, 362;
 work on the Congo, iii. 662; Visit to
 Stanley Pool, iv. 686; boat journey
 round it, vi. 71 †; Explorations on the
 Congo, up to Bangala, vii. 353 †; re-
 marks on Congo exploration, vii. 372;
 obituary of, ix. 583

Comedæ, Mts. of, vi. 501 and note

Commerce in Europe, History of, Gibbins,
 xiii. 571 †

Commercial geography. *See* Geography.

Como and Italian Lake Land, Lund, xi.
 52 †

Comoe river, W. Africa, xii. 168, xiv. 261

Comorin, Cape, S. India, vii. 732

Comoro Islands, fauna of, Milne-Edwards
 and Oustalet, vii. 611; map of the
 Western, Schmidt, xii. 189

Comoy, *Étude pratique sur les Marées*
fluviales (Mascaret, etc.), iii. 249 †

Compass charts of Italy, xiii. 621

Compiègne, map of, Dépôt de la Guerre,
 iv. 795

Comprehensive Atlas of Modern, etc.,
 Geography, Collins, iii. 126 †

Concepcion, Lake, Bolivia, iii. 403

Conchine, M. *See* Konshin.

Concieças, E. Africa, xii. 138, 139, 142

Condamine, M. La, pyramids erected by,
 near Quito, iii. 463, 464

Conder, Major C. R., Heth and Moab, v.
 742 †; on Bechuanaland, viii. 739; on
 Doughty's travels in Arabia, vi. 394;
 Palestine, xii. 47 †; surveys of Eastern
 Palestine, iv. 642; of Western Palestine,
 v. 304 †, vi. 424; Syrian Stone-lore, ix.
 259 †; Tent Work in Palestine, i. 478 †

Congo, River and Basin—
 Arthur on, viii. 747 †
 Association of the American recognition
 of, vii. 225, 226

Basin of the, definition of, at Berlin
 Conference, vi. 742

Belgians on the, Wauters, vii. 407 †

Boundaries on—Franco-Belgian, xii.
 660, 664; work of commission on, viii.
 776; Portuguese, v. 228; of the three
 Powers, vii. 229

Comité d'Études du Haut, vi. 178

Commerce and Industries of, xii. 437 †;
 commercial advantages of, vii. 372

Conference on, vi. 742, vii. 352

Congo-land and its Inhabitants, Blink,
 xiii. 441 †

Discovery of, Diogo Caõ's, ix. 579

Early exploration of, iii. 684, 685

Economics of the, Wauters, viii. 61 †

Expeditions to the, xii. 553; Augouard,
 iii. 662; Baptist missionaries, i. 666,
 ii. 366; Belgian, i. 512, xii. 464; De
 Brazza, iii. 175, 182, 183, 359, 484,
 661, iv. 509; De Brazza, J., viii. 206,
 771 †; Comber, i. 234, 329, ii. 562, iii.
 20 †, 310, 362, vii. 353 †; Crudginton
 and Bentley, iii. 302, 553, 768, iv.
 164; Delcommune, xii. 554; Gaillard,
 xiv. 720; German, 1884–86, viii. 634 †;
 Goldsmid, vi. 177 †; Grenfell, vii.
 353 †, 455, viii. 524; Johnston, v.
 569 †, 687; Knnd and Tappenbeck,
 viii. 607, 735, ix. 338; Leuz, vii. 241;
 McCall, iii. 175, 349; Mizon, xiv. 558;
 Pogge and Wissmann, iv. 107; Ponel,
 ix. 514; Rouvier, ix. 339; Stanley, ii.
 183, iii. 97, 358; summaries, viii. 430,
 431, ix. 337, xiii. 343; Swedish, vii.
 817; Wissmann, ix. 350, 610, 776

Fauna and Flora of, v. 286, 287, 701,
 708

Five Years Among the Cannibals of,
 Ward, xiii. 54 †

Congo, River and Basin—continued—

- Four Years on the, Jeannest, v. 567 †
 Free State of the, vii. 370-373; Delmar-Morgan on, vii. 223*; De Winton on, viii. 609*; von Eetvelde on, ix. 689; boundaries with French territory, xii. 660, 664; Founding of, Stanley, vii. 486 †; maps of, Blank, xiii. 441, Du Fief, xiii. 191, Wauters, xi. 522; trade of, xi. 306
 French possessions on, xi. 48
 From its Mouth to Bolobo, Johnston, v. 692*
 Geography of, Peckel-Loesche on, v. 286
 Journeys in the S.W. Basin of, Schütt, iii. 575 †
 Length of the, ix. 120, 253
 Letters on the, Dupont, xi. 749 †
 Life on the, Bentley, ix. 649 †
 Lower, Delmar Morgan on, vi. 188*; language of the, vi. 190; customs of tribes on, vi. 193; positions on, Delporte, xiii. 86
 Maps:—Basin of the, Kiepert, vii. 265, viii. 607; course of the, vi. 549; *id.*, Capello and Ivens, viii. 413; Grenfell's, note on, xi. 175; Middle Congo, xi. 126, xii. 507; mouth, ix. 657; Nat. Inst. Geogr., Brussels, vi. 109; routes of travellers, Büttner, xi. 466, Pogge, Lux, and Barth, Kiepert, ii. 77, Schütt, *id.*, iii. 640; territory of the Int. Company, Lannoy, vi. 614; tributaries of the Middle Congo, ix. 64
 Memorial stone at mouth of, Diogo Caõ's, von Schwerin's discovery of, ix. 439, 579; visit to, Dennett, ix. 689
 Missions on:—Baptist, contribution to, Arthington, ii. 507; work of, Bentley, iv. 163; at Kintamo, vi. 75; Livingstone Inland, iv. 44, 294
 Mouth of, map of, ix. 657
 Natives of, De Rouve on, i. 144
 News from, v. 605
 Orography and Hydrography of, Böttcher, xi. 58 †
 Physical Geography of, Baumann, x. 50 †; Dupont on, x. 284
 Population of Congo basin, v. 709
 Portuguese on, vi. 194, 195
 Positions on, Rouvier, ix. 189; of international stations, vi. 742
 Question of the, Du Fief, vii. 618 †
 Railway to Stanley Pool, proposed route, xi. 97; results of survey for, xi. 571; Thys on, xi. 622
 Route to Stanley Pool, *vid.* iii. 485, 486; into the interior, vii. 368
 Seven Years Among the Fjort, Dennett, ix. 132 †
 Slave-dealing on, vi. 186; slavery on, viii. 619, 620
 Sources of, explored, vii. 456
 Swedes on, ix. 381
 Three Years on the, Möller, Pagels, and Glerup, ix. 261 †

Congo, River and Basin—continued—

- Trade, ivory and indiarubber, on, viii. 621, 622
 Tribes of, v. 705, viii. 618, 619
 Tributaries of, v. 287, ix. 298 *et seq.*; exploration of, Grenfell, viii. 47, 627*, ix. 239, (the Mobangi), vii. 538, 611; (Lomani), Janssen, xii. 288; (Ngala and Aruwini), Werner, xi. 342*
 Upper, steamers on, vii. 230; upon the, Ciquillat, x. 541 †
 Up the, and Kasai, Thys, x. 671 †
 Visit to stations on, Johnston, v. 569*
 Water of, colour and temperature, v. 694
 Works on the—Johnston, vi. 236 †; Stanley, vii. 486 †
Congo, French—
 Map of, xiii. 62 †
 Works on—Guiral, xi. 513 †; Rouvier, ix. 724 †
Congo, kingdom of—
 Language of, vii. 371; Dictionary and Grammar of, Bentley, ix. 58 †
 Report on, Pigafetta, vi. 171 †; *id.*, transl. Mrs. H. Harrison, iii. 247 †
 Congress, Geographical, Paris, proceedings of, Delmar Morgan, xi. 552*, 601*; International, of Americanists, i. 597; International, of Commercial Geography, i. 520
 Coni, Dr. E. R., *Roseña Estadística de La Plata*, viii. 407 †
 Conigrave, J. F., *Handbook of South Australia*, viii. 539 †
 Conkling, A. R., *Guido to Mexico*, xiii. 127 †
 Conn, W., *Cowboys and Colonels, Journey in Dakota*, ix. 461 †
 Connell, R., *St. Kilda and the St. Kildians*, ix. 392 †
 Connemara, Lord, *Tours of, in South India*, Rees †, xi. 631, xii. 244
 Connor Mt., *Australia*, xiv. 181
 Conolly, Capt. A., on the Oclous river, i. 180; *Journal of, from Bamian to Khiva*, 1840, xiv. 631 †
 Conring, A. von, *Marroco, das Land und die Leute*, ii. 269 †
 Cons, H., *La Province Romaine de Dalmatie*, iv. 245 †
 Constable, Capt. C. G., *obituary of*, i. 457
 Constance, Lake of. *See* Boden See.
 Constantin, Vicomte de, *L'Archimandrite Païsi et l'Ataman Achinoff*, xiv. 807 †
 Constantine Harbour, New Guinea Company's station at, viii. 719; rainfall at, xiii. 177
 Constantinople, Stolpe's map of, iii. 251; Zschokke's work on, vii. 53 †
 Constanza, Valle de, *San Domingo*, x. 240
 Consular Reports: *Miscellaneous Series*, 1889, xii. 307 †
 Conti, Nicolo de, *Travels of, Bellemo*, v. 433 †
 Continental homologies, viii. 757
 Cooney, nautical training college, iv. 309, 330

- Conway, W. M., Climbers' Guides to the Lepontine and Pennine Alps, xiv. 721 †; expedition to the Karakoram, xiii. 682, xv. 178, 468, 557, 631, 704, 753
- Conybeare, H. C. A., note on Pargana Dudhi, Mirzápur District, ii. 199 †; Statistical, etc., Account of the Bijnor District, i. 343 †; of the N.W. Provinces of India, vi. 354 †
- Coode, Sir John, obituary of, xiv. 257
- Cook, A., notes on the Recent Development, etc., of British North Borneo, xi. 693
- Cook, Capt., Centenary of the death of, celebrated by the French Geographical Society, i. 219, 539 †; Life of, Besant, xii. 251 †; Log of, King, xiv. 875 †
- Cook, J. M., on the ascent of the Nile cataracts, etc., vii. 124, 125
- Cook, Mount, New Zealand, v. 58, 60, 64; ascent of, Green, iv. 379, vi. 60, 61, 373; map of the eastern slope of, xiii. 311
- Cook, S., the Jenolan Caves, xi. 635 †
- Cook's Inlet, Alaska, ix. 277
- Cooke, G. H., survey work in India, x. 650
- Cooke, Major W. S., French Operations in Madagascar, viii. 405 †
- Cooley, William Desborough, obituary of, v.
- Coolidge, W. A. B., Climber's Guides to the Central and Lepontine Alps, xiv. 721 †; Guide du Haut Dauphiné (in part), ix. 710, xii. 243; Swiss Travel and Guide Books, xi. 508 †
- Cooper, A., The Colonies of the United Kingdom, x. 479 †
- Cooper, H. S., Coral Lands, iii. 63 †; the Highlands of Cantabria (in part), viii. 341 †
- Cooper, T. T., journey in the Irawadi region, vii. 318, 319
- Coordes, C., climatological wall map of Europe, x. 481
- Coorg, S. India, vii. 725; population of, xiii. 612; gazetteer of, and Mysore, Rice, i. 344 †
- Coote, C. H., Johann Schöner, a reproduction of his globe of 1500, etc., x. 319 †
- Cooté, Walter, the Pacific, iv. 746 †; West Indies, etc., and east, iv. 248 †
- Copan, Central America, ruins of, v. 189; Explorations of, Maudsley, vii. 568 †; paintings and sculptures at, viii. 593, 594; population of, viii. 572, 586
- Copeland, W. H., The Geographical Society of London, i. 167; population of, etc., ii. 119; Hagen-Blangsted on, viii. 670
- Copper river, Alaska, ix. 276; glacial action on, Allen, viii. 787; Report of Expedition to, *id.*, x. 396 †
- Coppermine river, North America, v. 652, 728
- Coppinger, R. W., Cruise of the *Alert*, vi. 105 †; visit to Skyring Water, Straits of Magellan, ii. 552
- Coppstone, Mr., journey to Victoria Nyanza. *See* Stokes.
- Couillhat, Camille, Sur le Haut-Congo, x. 541 †
- Corà, Prof. G., Balcanica Peninsula, xii. 243 †; Carta della Baia d'Assab ed Adiaacenze, iv. 580; Carta della Baia d'Assab intorno all'attuale indirizzo degli studi Geografici, viii. 131 †; Da Brindisi a Bombay, viii. 131; Il Sahara, viii. 131 †; Note Cartografiche sulla Reggenza di Tunisi, viii. 131; on geography as a science and its sphere, viii. 337; on the physical geography of the Sahara, iv. 439; presentation of patron's medal to, viii. 465, 467; Viaggia nelle Bassa Albania, etc., viii. 211
- Coral Islands, Theory of the origin of, Langenbeek, xiv. 134 †; upraised, off New Guinea, MacGregor on, xiv. 415
- Coral Lands, Cooper, iii. 63 †
- Coral Reefs, on the structure and distribution of, by Ch. Darwin, xii. 708 †
- Coral Sea, Hydrographic survey in the, x. 419
- Coral and Coral Islands, Dana, xii. 307 †
- Corazon mts., S. America, xiv. 128
- Corbin, D. F. M., Life of Matthew Fontaine Maury, x. 479 †
- Cordeiro, L., L'Hydrographie Africaine d'après les premières explorations Portugaises, i. 149 †
- Cordier, H., Bibliotheca Sinica, i. 221, 458, 598 †; Col. Sir Henry Yule, xiii. 242 †; Voyages de Frère Odoric de Pordenone, xiii. 638 †
- Cordillera of Bogotá, xiv. 126, 127, 850; of Bolivia and Peru, xiii. 47, 48; of Guatemala, pine woods and oak forests of, v. 190; of Peru and Ecuador, xiv. 126, 127, 850; Real, Bolivia, iv. 671
- Cordoba, Sierra of, sketch map of part of, Brackebusch and Seclstrang, iv. 188
- Corea. *See* Koren.
- Corerah region, W. Africa, Le Savoureux's explorations in, v. 298
- Corinth, canal of, map by R. Gerster, iv. 578
- Cornelissen, Lieut., explorations in Sumatra, i. 770, 772
- Cornice pass, Alps, v. 554
- Cornish, W. H., Explorations in South Australia, ii. 40
- Cornwall, Guide to, Baddesley and Ward, xiv. 424 †
- Coroca river, South-West Africa, v. 459
- Coromandel coast, S. India, vii. 732
- Coronado, Vasquez de, journey in North America, xii. 293
- Coropischo, city, Asia Minor, xiv. 56
- Coropuna, Mount, Peru, altitude of, xii. 229
- Corrasco, Dr., on immigration and emigration of the Argentine Republic, xi. 556
- Corrèze, Department of, Geography of the, Lestrade, xiv. 866 †

- Corsica, An Excursion in, Bonaparte, xiv. 59 †; Collection des Guides-Joanne, Joanne, vi. 482 †; Itinerary [through, Black, x. 175 †; physical character of, xii. 632, 633
- Cortambert, M. R., maps of Japan, v. 429; Nouvelle Histoire des Voyages, etc., vii. 57 †; death of, v. 161
- Corte-Real, discoveries of, xiv. 602; Voyages to the New World, Harrisse, v. 678 †; note on, Markham, xiv. 604
- Corte-Real, the land of, or the colony of Terra Nova, vii. 33
- Cortez, Hernan, v. 188; march across Central America, viii. 588, 589
- Corti, Corsica, xii. 633
- Corti, Siro, Le Provincie d'Italia sotto l'Aspetto Geografico e Storico †, xi. 459, xiii. 183, 238, xiv. 566, 865
- C-urumbá, Bolivia, iii. 409
- Corvo, J. de Andrade, De Castro's Roteiro de Lisboa a Goa, iv. 518 †; Estudos sobre as Proviucas Ultramarinas, ix. 720 †
- Corwin, the, cruise in the Arctic seas, in search of the *Jeanette*, iv. 29; Hooper on, iv. 180; visit to Wrangell Land, iii. 731; Cruise of the, Notes on, v. 746 †, viii. 211 †; Report on, Hooper, viii. 474 †
- Cosa, Juan de la, map of the Columbus discoveries, 1500, xiv. 600, 601
- Cosiguina volcano, Central America, v. 670
- Cöslin, Special-Karte des Regierungs-Bezirks, ix. 320
- Cosmas' notices of sea routes to China, iv. 650
- Cosmographic Atlas, Keith-Johnston, vii. 270
- Cosmography in Four Books, Heylyn, vii. 833 †
- Cosson, Dr., on the projected creation of an inland sea in Algeria, i. 535
- Cosson, E., Compendium Floræ Atlanticæ, etc. †, iii. 738, x. 740
- Casson, Major E. A. de, Days and Nights of Service at Suakin, xi. 315 †; obituary of, xi. 441
- Costa, B. F. de, Cabo de Baxos, or the Place of Cape Cod in the Old Cartology, iii. 115 †
- Costa Leal, Fernando da, journey of, v. 468
- Costa Rica, climate of, Pittier, xii. 565; explorations in, *id.*, xiii. 300, 301, xiv. 342 †; map of, *id.*, xiv. 138; Latest Journeys, etc., in, Polakowsky, vii. 488 †; Nicaragua, Panama, and Costa Rica in the 16th century, Peralta, vi. 172 †
- Costa river, West Africa, v. 229
- Costeños of Bolivia, xiii. 48
- Cotinga river, vii. 504, 527
- Cotopaxi, mt., Ecuador, iii. 458
- Cotteau, Ed., from Paris to Japan by Siberia, v. 301 †; journeys in China and Japan, iv. 104; in Borneo, vi. 473; in
- Cotteau, Ed.—*continued*—
Java, vii. 50; to the New Hebrides, vii. 252; Les Nouvelles-Hébrides, ix. 719 †; Promenades dans les deux Amériques, ii. 590 †; dans l'Inde et à Ceylan, ii. 199 †; Une Ascension au Pic de Ténériffe, xii. 301 †; Un Touriste dans l'Extrême Orient, vi. 169 †; Voyage au Caucase et en Transcaspienne, x. 395 †; aux Volcans de Java, viii. 534 †
- Cotterill, H. B., on the longitude of Lake Nyasa, i. 459
- Cottesloe, Lord, on the report of the Council, 1881, iii. 481; obituary of, xiii. 400
- Cotton, Hon. G. W., on the utilization of the Artesian and other waters in the Sahara, xiii. 357
- Cotton, Sir A., irrigation scheme for the Godavery, viii. 693
- Cottret, L'Abbé, L'Île de Rhodes, iv. 771 †
- Coudreau, H., Dix Ans de Guyane, xiv. 661 †; explorations in Amazons valley, vi. 232; in Guiana and the Tumuc-Humac range, vii. 553, ix. 775, x. 473, xi. 439, xii. 428, xiii. 40, 300, 562; La France Française, vii. 716 †; on territory in France and Brazil, viii. 60
- Coudriavtzeff, M., expedition across Russian Lapland, vii. 191
- Coulberg, M., work on the Afghan frontier, xi. 311
- Coulour, ancient diamond mine of India, iv. 98
- Council of R. G. S., Annual Report of, i. 460, ii. 439, iii. 425, iv. 425, v. 411, vi. 409, vii. 467, viii. 458, ix. 446, x. 459, xi. 442, xii. 479, xiii. 495, xiv. 478
- Counsel, E. A., Road from Marlborough to Pieman River, i. 223 †
- Couperie, Prof. T. de la, on the hill slopes of Tong-king, viii. 243
- Coupepe, Père, explorations in New Guinea, x. 248
- Courbis, Capt., on the dunes and subterranean waters of the Sahara, xii. 298
- Court, M., projected journey in the Sudan, i. 591
- Cousens, H., The Caves at Nadsur and Karsambia, xiv. 868 †
- Cowan, Colonel, survey work in India, x. 650
- Cowan, Fr., A City of the Royal Palms, and other Poems, viii. 478 †; Australia: A Charcoal Sketch, viii. 478 †; A Visit in Verse, Halemauman, viii. 478 †; Fact and Fancy in New Zealand, viii. 478 †
- Cowan, Rev. W. D., Joiners in South Central Madagascar, iv. 521 †, xiv. 738; the Murchison Grant awarded to, v. 297, 422; the Tanala, iii. 574 †
- Coven, Charles, Witwatersrand, Johannesburg, and other Gold Fields, x. 346 †
- Cowley, A., survey of the Galapagos islands, xiv. 315

- Cox, S. H., ascent of western glaciers of Mount Cook, vi. 63
- Craicroft, Miss, death of, xiv. 553
- Crampel, M., explorations in West Africa, xi. 437, xii. 378; expedition to Lake Chad, xiii. 227, 391, 484, 556, xii. 553, xiv. 372; report on, Nebout, xiv. 241; Crampel Mission, *id.*, xiv. 727†; on the Bayagas, dwarf tribe of the Ogowe, xiii. 178
- Crampon, E., on French commerce in the Philippines, vii. 192
- Crater Lake, Oregon, i. 697
- Craven, Alfred, remarks on Usambara, i. 94
- Crawford and Balcarres, Earl of, Bibliotheca Lindesiana, vii. 129†; expedition to Mauritius, 1874, viii. 131
- Crawford, J. C., Recollections of Travel in New Zealand and Australia, ii. 462†
- Crawford, R., Across the Pampas and the Andes, vi. 302†; Reminiscences of Foreign Travel, x. 480
- Crawfurd, O., Portugal, Old and New, ii. 453†; Round the Calendar in Portugal, xiii. 52†
- Crazy mountains, Montana, map of, v. 630
- Creah, Staff-Commander, obituary of Sir Fr. J. O. Evans, viii. 112
- Crees (North American Indians), v. 649 *et seq.*
- Crémazy, Laurent, Notes on Madagascar, v. 678†
- Cremér, Leo, on coal in Spitzbergen, xiv. 182; An Excursion to Spitzbergen, xiv. 658†
- Crenneville, V. G. F. do, Die Insel Cypem, etc., i. 740†
- Crete, Sojourn in, Melena, xiv. 59†
- Crete de Souci, M. Martel's exploration of, xiv. 556
- Creux Percé or Ice Cavern, M. Martel's exploration of, xiv. 467
- Crevasse glacier, Mustagh range, xiv. 216
- Crevaux, Dr. Jules, ascent of the Oyapok, i. 74; explorations in Guiana, i. 131, 280, ii. 135, 136, 195; on the Amazon and its tributaries, i. 522, 723, ii. 135, 136, 253; in Colombia and Venezuela, iii. 111, 243, 369; on the Pilcomayo and Gran Chaco, iv. 61, 176, 239, 243, xi. 135; death of, iv. 508, 547, 563, 566, 567, v. 385, 429, vi. 230; expedition in search of remains of, iv. 767; survivors of his expedition, v. 486; discovery of relics, vi. 297; Journeys in S. America, v. 113†; Atlas of Rivers of S. America†, v. 309, 385
- Cridland, Mr., on the climate of Florida, iii. 50
- Criegern, F. von, Ein Kreuzzug nach Stambul, i. 282†
- Crillon, Mouré, Alaska, *ibid.*, v. 273
- Crimea, (and Caucasus), *ibid.*, v. 273
- Wolley, iv. 114; F. R. S., Agassiz, xiv. 500†
- Croatia and Slavonia, map of, ix. 209; general, Katzenschlager, xi. 520
- Croatian Countries, North, Physical Conditions of, Utiesenović, i. 740†
- Croche or Sinuous Rapid, Athabasca, v. 637
- Crocker, W. M., Notes on Sarawak and Northern Borneo, iii. 193*
- Crocodile river, Transvaal, x. 439
- Croix, E. de la, mission to Sumatra, ii. 253; the Ruins of the State of Perak, v. 301†
- Croizier, Marquis de, Bulletin de la Société Indo-Chinoise, viii. 671†; Le Bazar de Boukhara, xiv. 868†
- Cromer, Mr., ascent of Mount Roraima, x. 166, xiv. 242
- Crook, H. T., on the Ordnance Survey, its Present State, etc., xii. 674*; on the improvement of the large-scale maps of, xiii. 631
- Croonenbergh, Père, determination of heights in Matabeleland, iii. 178
- Cross, D. K., award of Back Premium to, xiii. 294; on the country between Lakes Nyasa and Tanganyika, xiii. 86*
- Cross Isle Lake, Athabasca, v. 649
- Cross river, West Africa, x. 635, 756; ascent of, Edgerley, iv. 94; Journey up, H. H. Johnston, x. 435*. *See also* Old Calabar.
- Cross, Staff-Surgeon H., photographs of the Western Pacific Islands, x. 404
- Crosse, Lake à la, depth of frozen soil at, viii. 743
- Crouch, A. P., Climate of the African Tropics, ix. 134; Climate of Feverland (West Africa), v. 649
- Crow, Arthur H., Highways and Byeways of Japan, v. 241†
- Crowther, Bishop, ii. 124, 289, 292, 304, 305; presentation of watch to, ii. 450
- Crowther, Cape, Franz-Josef Land, v. 205
- Crowther, S. A., List of Places on the Niger, etc., xi. 188†
- Crozals, J. de, Le Commerce du Sel du Sahara au Soudan, viii. 344†; Les Peulhs, v. 371†
- Crozet islands, Capt. East's visit to, ii. 509
- Crozet's Voyage to Tasmania, New Zealand, etc., transl. Ling Roth, xiv. 133†
- Crucero Alto, altitude of, xii. 229
- Crozier, H. P., Journeys on the Congo, *ibid.*, xii. 229; map showing that to Stanley Pool, iii. 768
- Crusades, the Country of the, Hoohe, ix. 316†
- Cruttenden, Lieut., journey in Somaliland, vi. 257; visit to Zeila, vii. 113
- Cruz, Don Luis de la, Viaje desde Chile a Buenos Ayres, viii. 212†
- Cruz, Puerto de la, latitude of, xii. 415
- Crystal Peak, Himalayas, xiv. 704, 758
- Cua-ai village and frontier gate, viii. 238
- Cua Cam and Cui Dam, mouths of the Song Koi, viii. 218
- Quando, Ouango, Ouanza. *See* Kwa-

- Cuba, maps of, *Clay*, iv. 710; (geographical encyclopædical) *De las Penas*, iv. 454; (special) *Peñuelas y Vazquez*, xiii. 697; track of the cyclone of Sept. 1888, across, xi. 639
- Cubango river, Central Africa, i. 272, 363, 484, vi. 26-28
- Cubas, A. G., *Carta oro-hidrografica de la Republica Mexicana*, i. 351
- Cubit, Persian, length of the, x. 584
- Culmore, P., *The Civil Government of the States*, xiv. 731†
- Cuenca Province, S. America, xiv. 127
- Cuinet, Victor, *La Turquie d'Asie*†, xiii. 739, xiv. 569
- Camberbatch, Mr., account of the Dobruja country, viii. 49
- Cumberland sound, vii. 612; journey to, Boas, viii. 456; map of, *id.*, viii. 63; German meteorological station at, iv. 569, 570, v. 378
- Cumberland, S., the Queen's Highway from Ocean to Ocean, ix. 520†
- Cumbre Iglesias, height of, vi. 659
- Cumming, C. F. Gordon, *Fire Fountains* (Hawaii, etc.), v. 114†; *Two Happy Years in Ceylon*, xiv. 340†; In the Himalayas and on the Indian Plains, vii. 53†
- Cunene river, Central Africa, i. 272, v. 467, 660, 696; basin of the, etc., sketch map, *Ravenstein*, iv. 187; district of, *Duparquet's journey in*, viii. 455; Journey to, *Earl of Mayo*, v. 458*; tribes of the, iv. 96
- Cunningham, C. D., the Pioneers of the Alps, xi. 46†
- Cunningham, Rev. Dr., on lands available for European settlement, xiii. 33
- Cunos or Tull Indians of Darien, viii. 723
- Cunucunuma river, South America, x. 101
- Cunynghame, Gen. Sir A. F., obituary of, vi. 380
- Cupati, Serra de, Brazil, viii. 359
- Cuppers, J., *Schulwandkarte von Europa*, iv. 456
- Curitiba, the Victoria falls of the, vi. 581, 743
- Curling, Rev. J. J., remarks on Labrador, x. 203
- Curr, E. M., the Australian Race; its Origin, Immigrants, etc., v. 254†
- Currents, in the Strait of : Solid, Liquid, and Gaseous Materials, etc., *Wettstein*, ii. 202†; in Straits, *Wisotski*, xiv. 877†
- Curtis island, extent of, x. 316, 317
- Curtis, R. S., journey into the Beni Amer country, xiv. 546
- Curtius, E., and Adler, F., *Olympia und Umgegend*, iv. 440†
- Curtius, E., and J. A. Kaupert, *Atlas von Athen*, i. 169; *Karten von Attika*, iii. 639; *Wandplan von Alt-Athen in 4 Blättern*, iii. 697, iv. 327
- Curzon, Hon. G. N., on the R. G. S.'s new map of Persia, xiv. 69*; Persia—
- Curzon, Hon. G. N.—*continued*—
- and the Persian Question, xiv. 658†; Russia in Central Asia in 1889, and the Anglo-Russian Question, xi. 698†; The Karun river and the Commercial Geography of S. W. Persia, xii. 509*; the Transcaspian Railway, xi. 273*
- Curzon, Hon. R., Visits to Monasteries in the Levant, ix. 264†
- Cust, R. N., *Africa Rediviva*, xiv. 132†; elephant experiment in Africa, iv. 381*; Languages (Modern), of Africa, vi. 101†; of the East Indies, i. 76†; Linguistic and Oriental Essays†, iii. 59, ix. 720; missionary map of Africa, xiv. 137; on Sir L. Playfair's tour in Tunisia in 1885, viii. 522; on the progress of African philology, vii. 730; receives watch for Bishop Crowther, ii. 451; remarks on the ascent of the Binué, ii. 304; on Arnot's journey, xi. 79; on Last's visit to the Masai, v. 542; O'Neill's account of East Africa, vii. 451; on South-eastern New Guinea, ix. 84; on Tanganyika, iv. 27*; on the Chugáni tribes of Kafiristan, iii. 278 note*; on the Rovuma district, ii. 352; Three Lists of Bible Translations Actually Accomplished, xii. 771†
- Cutch, Indian surveys in, iv. 342
- Cuthbertson, Mr., expedition to Mount Obrea, New Guinea, ix. 508, 753, x. 416, xii. 689
- Cuyaba town, viii. 517, 518
- Cuyuní, Upper, Mr. McTurk's exploration of the, iv. 695
- Cuzco, Peru, v. 315-327
- Cydnus river, Asia Minor, vi. 316
- Cyprus—
- Account of, *Biddulph*, xi. 622, 705*
- As I saw it in 1879, *Sir S. Baker*, i. 808†
- Bibliography of, *Cobham*, ix. 59†
- Cyprus, Asiatic Turkey, and Egypt, Farley, i. 149†
- Ethnological studies in, *D. Crennerville*, i. 740†
- Forests in, condition and management of, *Wyld*, i. 725
- Handbook to, and Catalogue of Exhibits at Colonial Exhibition, viii. 673†
- Historical and Descriptive, *Von Löher*, i. 283†
- History, etc., of, *Lang*, i. 283†
- Its Present Condition, etc., *Latrie*, i. 285†
- Journey through, 1878, *Thomson*, i. 97*
- Locusts of, xi. 711, 712
- Map of, *Kiepert*, i. 79
- Our home in, *Scott-Stevenson*, i. 809†
- Pre-historic, rough notes on, *Rawlinson*, i. 106
- Surveys of—(trigonometrical). *Kitchener*, vii. 411; *Millard*, i. 379
- Three Months in, *Brown*, i. 731
- Through, *Agnes Smith*, ix. 302†

Cyprus—continued—

- Through, with camera, 1878, Thomson, i. 284
Cyrenaica, routes of the Camperio-Haimann expedition in, map of, iii. 701.
See Tripoli.

D

- D'Abbadie. *See* Abbadie, De
 Dabbene, M., journey into the interior of Africa, vii. 401
 Dachselt, A., Karte von Schandau und Umgebung, iv. 578
Dacia, the marine researches of the, vi. 595; viii. 767
 Dadar, railway to, ii. 241
 Dádscho tribe, Sudan, xi. 574
 Dafia hills, Himalayas, v. 617, 620
 Dagua river, Columbia, v. 261
 Dahae, ancient tribe of the Parthians, i. 169 *note.*
 Dabhu river, W. Africa, xii. 168
 Dabina pass, i. 55
 Dahistün, vii. 288
 Dahlgren, E. W., secretary of the Stockholm Geographical Society, v. 47, 177, 496
 Dahna Islam stream, Afghanistan, vii. 286, 562
 Dahomey, extent of, vi. 620; maps of, D'Albea, xiv. 430, 581; Koch, xii. 442; of Dr. Bayol's itinerary, xiii. 62; Three Months' Captivity in, Chaudoin, xiv. 341 †
 Dahshur, Egypt, ix. 618
 Daiki river, E. Africa, xii. 147
 Daka fort, i. 43
 Dakar to St. Louis, railway from, v. 37
 Dak-i-Khurshab, vii. 145
 Dakota, Cowboys and Colonels: journey across, Conn. ix. 461 †; black hills of, topographical and geological atlas of, iv. 256; country and railroad maps of, xii. 573, 574; made a state, viii. 270; population of, xiii. 183
 Daksong-chu river, ix. 371
 D'Albea, M. A., journey up the Mono, W. Africa, xiii. 178
 D'Alberty, L. M., v. 505, 516, 731; Journeys up the Fly River, etc., New Guinea, i. 4 †; New Guinea: What I did, and What I saw, ii. 783 †
 Dalboquerque, A., the Commentaries of, transl. Birch, ii. 588 †
 Dalhousie springs, Central Australia, xiii. 356; Lindsay at, xi. 652
 Dalichai river, Persia, v. 64, 66
 Daliki, Persia, v. 152
 Dall, W. H., early expeditions to Behning Sea and Strait, xiv. 572 †; map of Alaska, etc., vi. 361; on the Chukches, etc., iii. 568; on the surveys about Behning Straits, iii. 47
 Dallas, W. L., Climatology of Afghanistan, xiv. 131 †; the Winds and Monsoons

Dallas, W. L.—continued—

- of the Arabian Sea and North Indian Ocean, x. 473 †
 Dalles of the Columbia, the, i. 700
 Dallman, Capt., expedition in New Guinea, viii. 719
 Dalmatia, Jackson's Work on, and the Quarnero, Istria, etc., ix. 648 †; the Roman province of, Cons, iv. 245 †
 Dalp, J., Topographischer Atlas der Schweiz, i. 224
 Dalton, Gen. E. T., obituary of, iii. 109
 Daly, D. D., explorations in the Malay Peninsula, iv. 393*, v. 382; in British North Borneo, x. 1*; on Sandakan harbour, x. 24; death of, xi. 610
 Daly, M. D., *See* Daly, D. D.
 Dalzell, Sir R. A. O., obituary of, vii. 436
 Daman-i-Kuh, iii. 584
 Damara-land, v. 660, vi. 25; Boers' emigration to, ii. 316; journey in, Thomas, ii. 368; population and extent of, i. 710
 Damavand. *See* Demavend.
 Damian, J., Tiefenkarte des Caldonazzo und des Levico-See's, xiv. 429; des Molveno See's, xii. 772
 Dampier island, volcano of, v. 511
 Dampier Straits, new route to China through, v. 515
 Dana, Prof. J., Arcas of Continental Progress in North America, etc., xii. 302 †; Corals and Coral Islands, xii. 307 †; on deep troughs of the oceanic depression, xi. 244, xii. 557; on the Volcanoes of the Hawaiian Islands, xi. 516 †
 Dana river, E. Africa. *See* Tana.
 Danakil, Notes on, Scaramucci and Giglioli, vii. 618 †
 Danao plain, Borneo, iv. 117
 Danckelman, Dr. von, Zur Kenntniss des Klenias des Deutschen Togolandes, etc., xii. 301 †; Die Meteorologischen Beobachtungen der Güssfeldt'schen Loango-Expedition, i. 149 †; map of the Cameroons District, x. 799
 Dandan-i-Shikan, Central Asia, i. 254
 Dande river, Africa, v. 268, 692
 Dandi, Mount, East Africa, x. 451
 Danenhower, Lieut. J. W., on Arctic exploration, vii. 819; on survivors of the *Jeannette* expedition, iv. 159; The Polar Question, viii. 346*
 Danga Gol river, ix. 747
 Dangi, Nguru chief, v. 521, 523, 525
 Dängla range, Tibet, vii. 70. *See* Tang-la.
 Daniel, H. A., Handbuch der Geographie, iii. 507 †; Lehrbuch der Geographie, etc., i. 151 †; Leitfaden für den Unterricht in der Geographie, i. 151 †
 Daniel, Rev. Canon, on the scientific aspects of geographical education, viii. 200; on the scope and methods of geography, ix. 167
 Daniloff, M., on the bifurcation of the Oxus, viii. 58; projected connection of Caspian and Black Seas, i. 715

Danish—

- Arctic expedition in the *Djimplena*, the, v. 166
 Charts, ii. 79, x. 483, xii. 255
 Discoveries on the east coast of Greenland, i. 668
 Expedition for the relief of Lieut. Hovgaard, iv. 754
 Expedition to Arctic Regions, vii. 542
 Expeditions to Greenland, iv. 104, vi. 344, 538, viii. 398; (East) Ryder's, xii. 292, 468, xiii. 297, 688, xiv. 193, 711
 Explorations in Greenland, i. 331, 520, iii. 50, vii. 245, 385, 818, xi. 435, xiii. 112; Rink on, x. 238
 Geographical Exhibition, 1882, iv. 424; Geographical Society, meeting of, Feb., 1880, ii. 268
 Polar meteorological expedition, iv. 232, 233, v. 166
 Scientific expedition of 1884, in the *Fylla*, vii. 177
 West Indies, Leaflets from, Taylor, xi. 121 †
- Danube—
 Panorama of the, Passau to Linz, x. 400
 Regulation of the Theiss and, Von Vilovo, i. 740 †
 The Balkan, Save and, Leger, vi. 168 †
 Works for Regulating the, erected, 1873-86, xi. 696 †
- Danubian Populations, de Rosny, v. 182 †
- Danvers, F. C., Bengal; its Chiefs, Agents, and Governors, x. 737 †; Report on the Records of the India Office, ix. 462 †
- D'Anville. *See* Anville, de.
- Dacour tribe, Kulja, ii. 497
- Dapha Bim mountain and valley, ix. 25
- Daphnæ. Ischæus of Suez, wind and action at, xi. 617, 618
- Dapontès, C., *Ephémérides Daces ou Chronique de la Guerre de Quatre Ans.* (1736-39), xi. 313 †
- Dara, Province of, viii. 41
- Daragez district of Khorasan, iii. 513, 529
- Dara Kul village, S.W. Persia, xii. 543
- D'Aramon, M., *Le Voyage de*, ix. 316 †
- Dara Nur, valley, Kafiristan, i. 714, iii. 279, 283; Simpson on, i. 802. *See* Nur.
- Darapsky, Dr. L., *Las Agnas Minerales de Chile*, xii. 641 †
- Darbel, M. Marin, visits to Vanikoro island, v. 741
- Darchendo. *See* Ta-chien-lu.
- Dardistan, Central Asia, iii. 294, 295
- Dar-es-Salaam, Dr. Kirk's visit to the district of, iii. 308; Native Routes from, to Lake Nyasa, Keith Johnson, i. 417*; road from, to the interior, Mackinnon and Buxton, i. 94, 95, 129, ii. 265, v. 542
- Darfur, map of, ii. 718
- Daria village, Persia, v. 139
- Daria-lyk, old bed of Oxus, iv. 222
- Darien, Polakowsky on the Cunos or Tull Indians of, viii. 723
- Darjiling, Sikkim, iii. 322
- Darmachié island, vii. 112

- Darror, Valley of the, A Journey in Somaliland, Révoil, iv. 514 †
- Darwaz, vi. 492-500; Journeys in, Kossiakof (1882), viii. 32*, Regel, iv. 412, vi. 613 (map); note on, Rawlinson, vi. 510
- Darwazi pass, i. 55
- Darwin, Ch., Coral Reefs, xii. 708 †; researches in the Galapagos islands, ii. 746; voyage of the *Beagle* †, xi. 754, xii. 308; obituary of, iv. 314; proposed memorial to, iv. 380
- Darwin, Capt. L., Short History of Basutoland, viii. 405 †
- Darwin, Francis, Life and Letters of Charles Darwin, x. 53 †
- Darwin, Prof. G. H., on the rigidity of the earth, vii. 688, 589
- Darwin, Mount, E. Africa, xii. 149
- Darwin, Port, longitude of, C. E. Peck, v. 488
- Darya-i-Namak, salt marsh, Persian desert, xiii. 645, *et seq.*; depth and origin of, xiii. 651-654
- Dasht-i-Bedaulat plain, Afghanistan, ii. 213, 537, iii. 83
- Dasht-i-Bidan, Turkestan, vi. 512 *and note*
- Dasht-i-Kavir, xii. 586
- Dasht-i-Khak, village of, Persia, v. 142
- Dasht-i-Nazir, village, Persia, v. 61
- Dashtistan, Southern Persia, v. 716
- Dashwood, General, on Labrador, x. 204; on the resources of Newfoundland, x. 652
- Daubrée, A., *Les Eaux Souterraines aux Époques Anciennes*, x. 544 †; *A l'Époque Actuelle*, *ibid.* †
- D'Augis, M. V., ascent of the He-hô river, Tongking, iv. 608
- Daulatabad river, v. 3; village, S. W. Persia, xii. 538
- Daulatyar, Afghanistan, vii. 668
- Dauphny Alps, Guide to the, Coolidge, Duhamel and Perrin †, ix. 710, xii. 243
- Dauphny, Society for Tourists in, v. 298
- Dauli, Khorasan, iii. 527
- Dauvergne, M., explorations in the Hindu Kush, xi. 49, xii. 45, 96, 233, 567; in Chinese Turkestan, Notes on, Walker, xiv. 779*; exploration dans l'Asie Centrale, xiv. 868
- Davadava river, New Guinea, viii. 597
- Davâzdah Imâm village, Persia, x. 629 *note*.
- Davenant, Sir W., early work on Madagascar, i. 653
- Davenport, A., on meteorological phenomena in China, ii. 372
- David Island, Franz-Josef Land, v. 205
- David, Père, xiii. 329
- Davidson, J. W., *The Florida of To-day*, xi. 189 †
- Davidson, Prof. G., Identification of Drake's Anchorage on the Coast of California, v. 64 †; on the position of Mount St. Elias, xi. 611; on the relation of Plover Island to Wrangell Land, iii. 761
- Davidson, T. M., Geography of the British Isles from ten different standpoints, ix. 710 †

- Davies, Mr., explorations in North Borneo, x. 141, 143
- Davis, E. J., *Life in Asiatic Turkey*, i. 343 †
- Davis, John, early visit to Hudson's Strait, x. 550; *Life of, C. R. Markham*, xi. 701 †; *Voyages and Works of, edit. A. H. Markham*, ii. 326 †
- Davis, J. D., *Contributions Towards a Bibliography of New Zealand*, x. 478 †
- Davis, Rev. W. J., *Kaffir-English Dictionary*, i. 202 †
- Davis Strait, vii. 612; German meteorological expedition to, iv. 293
- Davis, W. M., *The Geographic Development of Northern New Jersey*, xii. 706 †; structure and origin of glacial sand plains, xii. 708
- Davoust, M., exploration of the Upper Niger, viii. 650
- Dawar valley, i. 48, 49
- Dawkins, Prof. Boyd, on geographical teaching, viii. 706; on the late Prof. Freeman, xiv. 403; on the teaching of geography at the Universities, ix. 700; the beginning of the geography of Britain, ix. 696; the former connection between North America and the eastern side of the Atlantic, vi. 682
- Dawney, Hon. G. O., obituary of, xi. 422
- Dawson, Captain H. P., grants of instruments to, v. 415; on depth of frozen soil at Fort Rae, viii. 741
- Dawson, Commander L. S., *Memoirs of Hydrography, etc.*, vii. 409 †; report on the Marine Survey of India, vii. 45; surveys by, v. 600
- Dawson, Dr. G. M., *Elementary Geography of the British Colonies (in part)*, xiv. 577 †; explorations in British Columbia, ix. 758, x. 382; of Queen Charlotte Islands, ii. 577; of the Yukon District, Report on, xi. 46 †; The Kwakwiool People of Vancouver Island, x. 478 †; On the Glaciation of the Cordillera, xiv. 342 †; on the prairie fires of N. America, xiv. 95; on the unexplored regions of Canada, xii. 555; Report on Geological and Natural History Survey of Northern Canada, iv. 516 †
- Dawson Range, British Columbia, xi. 158
- Dawson, Sir J. W., *The Geology of Nova Scotia, New Brunswick, etc.*, xiii. 740 †
- Dayul plateau, Tibet, vii. 75
- Dead Men's Isle, North America, v. 650
- Deane, H. S., survey of Perak, ii. 438
- Death valley, California, xiv. 311
- Debaize, M., death of, at Ujiji, ii. 248; expedition in Central Africa, i. 207, 402; Mission dans l'Afrique Centrale, Rabaud, ii. 709 †
- Debay, Mr., visit to the Red Sea petroleum deposits, viii. 505
- Debes, E., Karte v. Unter Egypten, iv. 709
- De Bissy, R. de L., Carte d'Afrique. See Africa.
- De Boucherville Port, Labrador, vii. 341
- Debrecka river, W. Africa, vii. 183
- Debu, Lake. See Dheboe.
- De Castro, D. João, Roteiro de Lisboa a Goa, anotado por J. de Andrade Corvo, iv. 518 †
- Decazes, M., journey in the Congo region, ix. 457
- Deccan plateau, iv. 458; rainfall of, viii. 682, 683
- Deception Point, New Guinea, v. 511
- Déchy, M. de, explorations in the Sikkim Himalaya, ii. 124; visit to the Caucasus with Mr. Freshfield, ix. 617, 767; ascent of Caucasian peaks, x. 690; Bergreisen im Kaukasus, xi. 186 †; on glacier movements, xiv. 455; Orography and Glaciology of the Central Caucasus, xiv. 340 †; the Ascent of Maglieh, xiv. 340 †; Travels in Caucasus Mts., xiv. 340
- Decken, Baron von der, ascents of Killimanjaro, v. 379; of Ozi river, xiv. 530
- Deele, M. L., expedition in Matabeleland, and on the Upper Zambezi, xiv. 325, 719
- De Costa, B. F., *Myvryian Archaeology*, xiii. 242 †
- Decotter, N., *Géographie de Maurice et des ses Dépendences*, xiv. 132 †
- Deep ... x. 399 †
- Deer river, North America, v. 645
- Deering hills, Australia, xiv. 182
- Defforges, Commandant, on pendulum observations for measuring gravity, xi. 601
- Deffers, M., journey in Arabia, xii. 357
- Degree, the Measurement of the, xiv. 662 †
- De Groot, Dr. J., Het Kongsivewen van Borneo, viii. 600 †
- De Gubernatis, E., Carta d'Epiro, ii. 463
- Dehgan tribe, Kafiristan, iii. 282
- Deh-i-Diz, S.W. Persia, v. 148, xii. 549
- Deh-i-Kamran, vii. 162
- Dehistan, province, Transcaspija, i. 169; ruined cities of, i. 177
- Deichmann, L., map of Harz mountains, v. 435, vi. 486, vii. 697; of Niagara Falls (with view), viii. 64
- Deisenhammer, Dr., *Meine Reise um die Welt*, iv. 578 †
- De Kaap and Komatie Gold-fields, map of, Troye, x. 114
- Delafontaine, M. A., *Le Midi de la France, depuis la Loire*, vii. 127 †; *Le Nord de la France jusqu'à la Loire*, vii. 127 †
- Delagoa Bay, Its Natives and Natural History, by Rose Monteiro, xiii. 739 †; Journeys in the District of, 1886-87, O'Neill, ix. 497 †; Portugal and the railway at, correspondence respecting, xii. 246 †; surveys of, v. 595
- Delalande, Lieut. G., cruise along the coast of Gulf of Guinea, x. 472
- Delanneau, Captain, on the Bannako country, v. 427
- Delaporte, L., *Voyage au Cambodge*, ii. 199 †

- De las Peñas, D. G. G., carta geográfico-enciclopédica de Cuba, iv. 454
- De Lannay, Description Géologique des Îles de Méthlin, xiv. 458 †
- Delcommune, M., expedition in the South Congo territory, xii. 554: ascent of the rapids of the Mobangi, xiii. 722
- Deléage, P., Trois mois chez les Zoulous, i. 741 †
- Delebecque, M., survey of the deep lakes of France, xiv. 556
- Delosse, M., map of the Seine, v. 297
- Delisle, Dr., v. 560, 737
- Dellon, D., Relation de l'Inquisition de Goa, x. 745 †
- Deloncle, Fr., on the country of Perak, vi. 351; expedition across the Isthmus of Malacca, vii. 252; carte politique de l'Indo-Chine, xiii. 61
- De Long, Commander, expedition of, in the *Jeannette*, iii. 388; iv. 29, 43, 90, 159, 289, 332, 375, 422, 607; records at last station of, iv. 289, 290; Ship and Ice Journals of (Voyage of the *Jeannette*), v. 379, 747 †; letter of sympathy from E. G. S. to widow of, vi. 154
- Delorme, Père, on the native tribes of the Ogowé, iii. 363
- Delporte, Capt., observations on the Lower Congo, xiii. 361, 393
- Demavend, Mount, v. 169, 170; altitude of, x. 86: Notes on, by General A. Houtum-Schindler, x. 85*; Sven Hedin's ascent of, xiv. 565
- Dem Bekir, latitude of, vi. 251; position of, ix. 315
- Dembo, latitude of, vi. 251
- Demerara, British Guiana, progress of, xiii. 567
- Demirlik, latitude of, x. 162
- Do Mot, Ch., mapa de la provincia de Buenos-Aires, iii. 120
- Dempo, Mount, Sumatra, v. 408
- Dem Suleiman, ii. 362
- Dem Ziber, latitude and height of, vi. 251
- Denarowski, K., Sanitäts-Karte der Bukovina, ii. 395
- Denau to Alang Wells, Route from, iii. 726
- Denger, Lama monastery of, China, ii. 700
- Denhardt, Cl. and G., explorations of the Tana river, i. 383, xii. 131, xiv. 531; Karte des Unteren Tana-Gebietes, vi. 361; new journey in East Africa, vii. 399
- Deniker, J., Classification des Races Humaines, xii. 642 †
- Denis, A., Hyères, Ancien et Moderne, iv. 440 †
- Denizli, latitude of, x. 162, 163
- Denka. See Dinka.
- Denmark—**
 Handbook for Travellers, Murray, v. 564 †
 Highest hill in, viii. 724
 Maps of—Danish Government, iii. 765, iv. 705, vi. 753, vii. 772, viii. 751, ix.

Denmark—continued—

- 723, x. 745, xi. 702, xii. 709, xiii. 743; Mansa, i. 160
- Nautical training in, iv. 301
- Population of, xii. 670; map of, vi. 173
- State of geographical education in, vii. 822
- Survey, Geodetic, of, Andra, vi. 354 †
- Denmark Sound, hydrographical observations in, vi. 570
- Dennett, R. E., Seven Years among the Fjort (Congo District), ix. 132 †; visit to Diogo Caô's "Padrao" at the mouth of the Congo, ix. 689
- Dennis, G., the Cities and Cemeteries of Etruria, ix. 517 †
- De Novo y Colson, P., Exploraciones Articas hechas en busca del Paso del Nordeste, ii. 591 †
- Dent, Ch. H., A Year in Brazil, viii. 536 †
- Dent, C. T., Donkin's Last Journey, xi. 367*; exploration of the Central Caucasus, viii. 644; Mounting, xiv. 809 †; remarks on St. ... on the Alpine ...
- Dent, Sir ... Borneo, iii. 206; on Agassiz's journey from Haiphong to Canton, xiii. 262
- Denton, G. C., treaties with chiefs of North-West Lagos, xiii. 685
- Denton, Professor, death of, v. 656, vi. 47
- D'Entrecasteaux islands, Exploring Expedition to, Thomson, xi. 525*; Sir W. MacGregor's visits to, xiv. 327
- Denys, Sir F., on gold in Lower California, xi. 562
- Deo-kwaò peak, Tong-king, viii. 231
- Depelchin, Père, expedition to the Upper Zambesi, ii. 433, 694; on the native tribes of the Zambesi, v. 167
- Déperet, Prof., Orographie du Plateau Central (France), xiv. 721 †
- Deporter, Commandant V., Extrême Sud de l'Algérie, xiii. 53 †
- Depping, M. G., Petit's journey in Western Africa, v. 175; on the rights of cartographers, vi. 478
- De Pré, Col., Report on the Survey of India Department for 1882, 1883, vi. 749 †
- Derbe, Asia Minor, xiv. 56
- Derby, Australia, ix. 696
- Derby, O. A., Physical Geography and Geology of Brazil, vii. 488 †; Geographia Physica do Valle do Rio Grande, viii. 749 †; on the river named Chandless, Brazil, x. 795
- Derbyshire, Murray's Handbook for travellers in, xiv. 866 †; the Peak District of, Baddeley, iv. 439 †
- Déré Gaioura village, viii. 98
- Derebistan village, S.W. Persia, xii. 543
- Deregez Atack, Turkestan, i. 183, 185 note, 186, 190
- Derégomale to Barāwa, itinerary, vi. 272
- Derenbourg, H., Ousāma Ibn Mounkidh, un Emir Syrien au premier siècle des Croisades, xi. 631 †

- De Rhins. *See* Rhins, de.
 Dermot and the Earl, the Song of, Orpen, xiv. 578 †
 Dermott, Rev. J. V., visit to Ukereve island, Victoria Nyanza, xiv. 120
 De Robiano, Le Comte Eugène, Chili, v. 49 †
 Derrécaigaix, Col., on the preparation of maps, xi. 556
 Derrien, Commander, carte du Haut Sénégal, iv. 453; medal awarded to, by Paris Geographical Society, v. 358; results of his mission, v. 359
 Desadeleor, Frère, journey to Umzila's country, iv. 228
 Desaguadero river, Bolivia, Exploration of, Billingham, iv. 647 †
 De Saussure, M., first ascent of the Alps, ix. 281
 Desbordes. *See* Borgnis-Desbordes.
 Desbuissons, E., carte de la délimitation Française en Guinée, ix. 211
 Desbuissons, E., Français dans l'Océan Pacifique, xi. 516 †
 Deschamps, L., Histoire de la Question Coloniale en France, xiv. 871 †
 Deschamps, Gen., on the Veddas of Ceylon, xiii. 51
 Deschutes river, Oregon, i. 395, 698
 Des Enfants, North America, v. 640
 Desgodins, Abbé, exploration of the Eastern frontier of Tibet, iii. 313; on the course of the Sanpo river, iii. 314; Le Thibet, vii. 767 †; on the Lu river, ix. 361, 362; on the orthography of geographical names, ix. 313; work in Central Asia, xii. 175
 Desht-i-Safiddar, Persia, v. 714
 Desjardins, M. Ernest, on the ancient town of Zama, v. 298
 Desor, E., La Forêt Vierge et le Sahara, i. 346 †
 Des Seins river, North America, v. 646, 647
 Dessi (Disei), Island of, vii. 107
 D'Estrey, Dr. M., La Paponasie on Nouvelle-Guinée Occidentale, ii. 190, xi. 125 †; on the population of Sumatra, xiv. 564
 Dévadhūga peak, viii. 92
 Dēvāla, S. India, vii. 726
 Develi Kara Hissar, latitude of, x. 163
 Deverell, F. H., photographs of Andorra, xii. 648; map of Andorra, xii. 709
 Devereux, W. C., Fair Italy, vi. 424 †
 Devéria, G., Histoire des Relations de la Chine avec l'Annam-Vietnam du xvi^e au xix^e siècle, ii. 324 †; La Frontière Sino-Annamite, xii. 360 †
 Deville Glacier, Selkirk range, xiii. 554, 555
 Devon, Guides to, Baddeley and Ward, xiv. 424 †
 Dewey, F. P., Bulletin of the United States National Museum, xiv. 572 †
 De Windt, H., Siberia as it is, xiv. 424 †
 De Winton, Sir F. *See* Winton.
 Dhaoladhar ridge, v. 616, 617, 620, 621
 Dheboe, Lake, West Africa, x. 165
 Diamond mines, Ancient India, Ball's identification of the sites of, iv. 98, 640
 Diampwo river, Central Africa, xii. 152
 Diaramook tribe of Formosa, xi. 237
 Dibong river, Tibet, iv. 676, x. 581, 582, xii. 387, xiii. 415; Needham on, xi. 440
 Dichu river, Tibet, v. 665, vii. 70, 73, 75
 Dickens, F. V., Prefaces, etc., to Fugaku-Hiyaku-Kei (Views of Fuji), iii. 59 †
 Dickert, L., relief map of Central Europe, v. 627
 Dickson, Capt., visit to German New Guinea, viii. 332
 Dickson haven, i. 22; proposed Dutch meteorological station at, iv. 570; not founded, v. 378
 Dickson, H. N., on the need for teaching in meteorology, xiv. 714; on the physical conditions of the waters of the English Channel, xiv. 628
 Dickson, Osear, on supposed ancient map discovered by Nordenskiöld, v. 556; munificence towards Arctic expeditions, v. 562, 563
 Dickson pass, Owen Stanley range, xii. 213
 Dickson, W. G., Gleanings from Japan, xi. 393 †
 Dickson, W. J., on the population of Colombia, x. 168
 Dickson, W. P., Translator of Mommsen's Provinces of the Roman Empire, ix. 263 †
 Didessa river, Abyssinia, v. 552
 Didy marsh, Madagascar, xii. 106
 Diedenhofen, map of the neighbourhood of, v. 51
 Diefenbach, L., Völkerkunde Osteneuropas, ii. 199 †
 Diego, E. C. de, Viajes en el Polo Norte i. 409 †
 Diego Garcia, Island of, Bourne on, viii. 385*; Régnaud on the name of, vi. 467; population, products, etc., of, iv. 166
 Diego-Suarez, Madagascar, map of, xiii. 511
 Diele, position of, ix. 189
 Diener, Dr. C., Libanon: Grundlinien der Physischen Geographie und Geologie von Mittel-Syrien, ix. 259 †; Der Gebirgsbau der Westalpen, xiv. 130 †
 Direke, C., und E. Guebler, Karte vom Harz, ix. 591
 Differential-gravity meter, British Association Committee on, vii. 675
 Diggos island, Hudson's Strait, x. 562
 Dihong river, S.E. Tibet, i. 126, 594, iv. 258, 319, 320, 676, viii. 425; discharge of the, vii. 320, x. 582
 Dīmphlāna and Varna expedition, iv. 639, v. 166, 176, 177, 348, 378, 379, 556, 603, 660, 733, vi. 49, 167
 Dijon, M. Martel's explorations of caverns near, xiv. 467, 556

- Dikhtau. *See* Dychtau.
Dikomo island, Lake Nyasa, i. 293
Dilger, Rev. G., journey to Kumawu, 1883, viii. 248
Dil-Gusha, Southern Persia, v. 138
Dilke, A. W., on Morgan's journey to Kuldja, iii. 165
Dilke, Sir C. W., Greater Britain, vii. 489†; Problems of Greater Britain, xii. 362†
Dillon, or Coluguape, Lake, Patagonia, v. 86
Dillon, Jas., automatic sounder, vi. 676
Dinarte, S., Innocencia, xi. 752†
Dineir, latitude of, of. 162
Dinghi village, Kobbi river, xiii. 469
Dingiz Lake, Central Asia, iv. 169
Dingri, town of, Tibet, x. 90
Dinka tribe, Central Africa, vi. 246; revolt of, ix. 409
Dinnik, M., journey in the Caucasus, vii. 593, 602
Dir, Kafiristan, height of, v. 552, vi. 7
Disco bay, Greenland, vii. 178
Disco island, iron blocks of, v. 364
Discoveries, History of the age of, Ruge, iii. 638†
Discovery Harbour, ice formation in, viii. 166
Dishek, Afghanistan, vii. 581
Dismal Swamp district, Virginia, xiv. 343
Distant, W. L., a naturalist in the Transvaal, xiv. 503†; reminiscences of Mr. Bates, xiv. 250
Ditrich, Lieut., journey in Australia, xi. 651
Dixie, Lady F., Across Patagonia, iii. 190†
Dixon, Hepworth, remarks on Cyprus, i. 732
Dixon, J., on Morrison's journeys in China, ii. 162
Dixon, Lieut., survey of Gascoyne river, v. 597
Dixon, W. H., obituary of, ii. 132
Dizeh or Dizah-Rud, Afghanistan, vii. 580 and note
Dizful, Persia, v. 126, 127, 154, 155, xii. 524, 529
Dizful, position of, v. 531
Dizful, height of, v. 367
Dizful, position of, Central Asia, x. 497
Djibouti, v. 367
Djen, village of, Benue river, xiii. 460
Djerba, island, v. 521
Djiber pass, v. 367
Djofra oases, i. 341
Djukoff, M., alteration of position of Dychtau, xi. 672 note
Djuku tribe, Benue river, xiii. 458
Doab, the, junction of two streams, Persia, v. 78
Dobree, T. S., explorations in North Borneo, x. 134, 135; report on the same, iv. 116
Dobruja country, account of, Cumberbatch, viii. 49
Dobson, G., Russia's Railway Advance into Central Asia, xii. 435†
Dobwayn marsh, Somaliland, vii. 637
Dôce, Rio, Brazil, District and People of, Ehrenreich, viii. 346†; valley of, Stearns, ix. 702; explorations of, Stearns, x. 61*; valuable woods, minerals, and climate of, x. 65, 66
Dodabetta peak, S. India, vii. 727
Dodanin, origin of the word, i. 107
Dodge, Lieut., on the prairie fires of North America, xiv. 82
Dodman, G. S., a Voyage Round the World in 500 Days, ii. 73†
Doelter, Cornelis, To Senegambia, *vid* the Cayo Verde Islands, v. 744†
Doenyo Ngai mt., E. Africa, i. 93
Doering, Dr. Adolf, Report on Expedition to the Rio Negro, vi. 102†
Doering, Oscar, Meteorological observations, v. 367; v. 368; v. 369; v. 370; v. 371; v. 372; v. 373; v. 374; v. 375; v. 376; v. 377; v. 378; v. 379; v. 380; v. 381; v. 382; v. 383; v. 384; v. 385; v. 386; v. 387; v. 388; v. 389; v. 390; v. 391; v. 392; v. 393; v. 394; v. 395; v. 396; v. 397; v. 398; v. 399; v. 400; v. 401; v. 402; v. 403; v. 404; v. 405; v. 406; v. 407; v. 408; v. 409; v. 410; v. 411; v. 412; v. 413; v. 414; v. 415; v. 416; v. 417; v. 418; v. 419; v. 420; v. 421; v. 422; v. 423; v. 424; v. 425; v. 426; v. 427; v. 428; v. 429; v. 430; v. 431; v. 432; v. 433; v. 434; v. 435; v. 436; v. 437; v. 438; v. 439; v. 440; v. 441; v. 442; v. 443; v. 444; v. 445; v. 446; v. 447; v. 448; v. 449; v. 450; v. 451; v. 452; v. 453; v. 454; v. 455; v. 456; v. 457; v. 458; v. 459; v. 460; v. 461; v. 462; v. 463; v. 464; v. 465; v. 466; v. 467; v. 468; v. 469; v. 470; v. 471; v. 472; v. 473; v. 474; v. 475; v. 476; v. 477; v. 478; v. 479; v. 480; v. 481; v. 482; v. 483; v. 484; v. 485; v. 486; v. 487; v. 488; v. 489; v. 490; v. 491; v. 492; v. 493; v. 494; v. 495; v. 496; v. 497; v. 498; v. 499; v. 500; v. 501; v. 502; v. 503; v. 504; v. 505; v. 506; v. 507; v. 508; v. 509; v. 510; v. 511; v. 512; v. 513; v. 514; v. 515; v. 516; v. 517; v. 518; v. 519; v. 520; v. 521; v. 522; v. 523; v. 524; v. 525; v. 526; v. 527; v. 528; v. 529; v. 530; v. 531; v. 532; v. 533; v. 534; v. 535; v. 536; v. 537; v. 538; v. 539; v. 540; v. 541; v. 542; v. 543; v. 544; v. 545; v. 546; v. 547; v. 548; v. 549; v. 550; v. 551; v. 552; v. 553; v. 554; v. 555; v. 556; v. 557; v. 558; v. 559; v. 560; v. 561; v. 562; v. 563; v. 564; v. 565; v. 566; v. 567; v. 568; v. 569; v. 570; v. 571; v. 572; v. 573; v. 574; v. 575; v. 576; v. 577; v. 578; v. 579; v. 580; v. 581; v. 582; v. 583; v. 584; v. 585; v. 586; v. 587; v. 588; v. 589; v. 590; v. 591; v. 592; v. 593; v. 594; v. 595; v. 596; v. 597; v. 598; v. 599; v. 600; v. 601; v. 602; v. 603; v. 604; v. 605; v. 606; v. 607; v. 608; v. 609; v. 610; v. 611; v. 612; v. 613; v. 614; v. 615; v. 616; v. 617; v. 618; v. 619; v. 620; v. 621; v. 622; v. 623; v. 624; v. 625; v. 626; v. 627; v. 628; v. 629; v. 630; v. 631; v. 632; v. 633; v. 634; v. 635; v. 636; v. 637; v. 638; v. 639; v. 640; v. 641; v. 642; v. 643; v. 644; v. 645; v. 646; v. 647; v. 648; v. 649; v. 650; v. 651; v. 652; v. 653; v. 654; v. 655; v. 656; v. 657; v. 658; v. 659; v. 660; v. 661; v. 662; v. 663; v. 664; v. 665; v. 666; v. 667; v. 668; v. 669; v. 670; v. 671; v. 672; v. 673; v. 674; v. 675; v. 676; v. 677; v. 678; v. 679; v. 680; v. 681; v. 682; v. 683; v. 684; v. 685; v. 686; v. 687; v. 688; v. 689; v. 690; v. 691; v. 692; v. 693; v. 694; v. 695; v. 696; v. 697; v. 698; v. 699; v. 700; v. 701; v. 702; v. 703; v. 704; v. 705; v. 706; v. 707; v. 708; v. 709; v. 710; v. 711; v. 712; v. 713; v. 714; v. 715; v. 716; v. 717; v. 718; v. 719; v. 720; v. 721; v. 722; v. 723; v. 724; v. 725; v. 726; v. 727; v. 728; v. 729; v. 730; v. 731; v. 732; v. 733; v. 734; v. 735; v. 736; v. 737; v. 738; v. 739; v. 740; v. 741; v. 742; v. 743; v. 744; v. 745; v. 746; v. 747; v. 748; v. 749; v. 750; v. 751; v. 752; v. 753; v. 754; v. 755; v. 756; v. 757; v. 758; v. 759; v. 760; v. 761; v. 762; v. 763; v. 764; v. 765; v. 766; v. 767; v. 768; v. 769; v. 770; v. 771; v. 772; v. 773; v. 774; v. 775; v. 776; v. 777; v. 778; v. 779; v.

- Donkin, W. F., exploration (with Dent) of the Central Caucasus, viii. 644; journey (with Fox) in the Caucasus, x. 686, 687; disaster to, x. 790; obituary of, x. 715; locality, etc., of accident, xi. 559; Dent on the Last Journey and Photographs of, xi. 367*; photographs of the High Alps, xi. 128; Freshfield's Search for, xii. 261*
- Donner, A., *Astronomiska Iakttagelser*, etc., vii. 695†
- Donop, Mr. L. B. von, travels in North Borneo, v. 350, x. 141
- Donoughmore, Lord, on Ross's journey to the head waters of the Ucayali, xiv. 393
- Donyo Ngai, E. Africa, iv. 738
- Dopenti peak, Chola range, iii. 332
- Dopulan, formation of cliffs at, v. 149; itinerary from, to Ispahan, xii. 551
- Dora Pass, Hindu Kush, i. 112
- Dorandt, M., positions on the Lower Oxus, i. 515
- Dori river, i. 198
- Dorian Peninsula and Gulf, Spratt, viii. 410†
- Dormoy, A., *Notions sur le Mascarat du Seine*, xiv. 721†
- Dornseiffen, Dr. J., *Nomina Geographica Neerlandica*, vii. 553†
- Dorsey, J. O., the Cegiha Language, xiv. 572†
- Doruna town, Persia, xii. 592
- Do Shakh peak, height of, vii. 276
- Dos Santos on the ruins of Zimbabwe, xiv. 281, 291
- Dosseray, J., *Carte Physique*, etc., de la Belgique, iii. 250
- Doss-megen-ora mountains, Central Asia, xii. 668, xiii. 209, 211, 213, 384
- Douai, geographical congress of the north of France, at, v. 427
- Doughty, C. M., visit to the rock city of El-Hejjer, Arabia, i. 454; maps illustrating routes of, in Arabia, Kiepert, iv. 450; Travels in N. W. Arabia and Nejd, vi. 382*; Documents Epigraphiques recueillis dans le Nord de l'Arabie, vi. 683†; Travels in Northern Arabia, viii. 541†; in A. Deserts, x. 314†; award of Gill memorial to, x. 300, 468
- Douglas, A. E., on a rainy period in Southern Peru, xiv. 861
- Douglas, Mount, New Guinea, xi. 606, xii. 210, 213
- Douglas, R. K., China, viii. 211†
- Douliot, M., mission in Madagascar, xiv. 242
- Douls, C., journey in the Western Sahara, ix. 760, x. 102; assassination of, xi. 561, xii. 297
- Douthwaite, A. W., Notes on Corea, vi. 747†
- Dove, Dr. K., on culture-zones in Abyssinia, xii. 253; Das Klima des Ausser-tropischen Südafrika, etc., xi. 253†; Niederschlagsnennungen am Kap der Guten Hoffnung, xiv. 871†
- Dove, Prof., death of, i. 341
- Dover cliffs, Stanley Pool, v. 575, 577
- Dowie, Miss M., journey in Ruthenia, xii. 674
- Doyle, Denis, journey through Gazaland, xiii. 588
- Dragon lake of Pamir, Rawlinson on, ix. 69
- Dragon, the Land of the, Percival, xi. 512†
- Drake, Sir Francis, and the falcon of 1577, on the coast of the Strait of Magellan, xi. 512†
- Drakensberg range, Basutoland, x. 249, 519; visit to the Giant's Kop, Seton-Karr, xi. 678
- Dranga-jökull glacier, Iceland, x. 307
- Drapeyron, L., *Carte de l'Île de Chypre*, i. 157; on the establishment of a school of geography, vi. 350, 423; on the relation of topography to geography, xiv. 703
- Dras, Himalayas, v. 111, 112
- Drasan, height of, Kafiristan, vi. 14
- Drayson, Capt. A. W., Sporting Scenes amongst the Kafirs, i. 202†
- Drayton, M., Poly-Oibion, x. 609†
- Drayton-Gibbes, C., map of California and Nevada, i. 750
- Dresden, Geographical Society of, proceedings of, iii. 57; German Geographical Congress at, viii. 473; plan of, viii. 741, ix. 326
- Dressel, F., ascent of Mount Roraima, x. 166
- Drew, Frederick, obituary of, xiv. 52
- Drew, Mr., on geographical appliances, viii. 125
- Drosinis, G., Land und Leute in Nord-Eubœa, vi. 235†
- Droysen, Prof. J. G., *Allgemeiner Historischer Hand-Atlas*, etc., vii. 416
- Dru, Léon, *Carte du pays entre le Don et le Volga*, viii. 751
- Drude, O., *Die Florenreiche der Erde* (with maps), vi. 358†; *Handbuch der Pflanzen-Geographie*, xiii. 186†
- Drummond, C. S., on navigation to Hudson's bay, x. 567
- Drummond, Hon. W. H., Sport in South-Eastern Africa, i. 202†
- Drummond, Prof. H., expedition to Lake Nyasa, v. 405, xiii. 90, 91; Tropical Africa, x. 475†; visit to Lake Shirwa, vi. 39
- Drury, Admiral Byron, obituary of, xi. 422 v. 405, xiii. 90, 91
- Drury, Col. H., *Reminiscences of Life and Sport in Southern India*, xii. 637†
- Drury, Robert, early journey in Madagascar, i. 645; new edition of, Oliver, xii. 638†
- Druuten's Kaart van Utrecht, en omstreken, iv. 327
- Dry Bay, Alaska, ix. 279
- Drygalski, Dr. E. von, Die Geoiddeformationen der Eiszeit, ix. 720; expedition to West Greenland, xiii. 112, 732, xiv. 414; Grönlands Gletscher und Inlandeis, xiv. 875†

- Dua river, Central Africa, xi. 329
 Dualla Idrees, vii. 625
 Dualla people, Cameroons, iv. 589; Land of the, Allan, x. 49†
 Duan (Normanby island), harbour in, xiv. 788, 794
 Dubail, Carte de la Tunisie, iii. 444
 Dübi, Dr., on the Pass of Hannibal, viii. 639, 641
 Dubois, M., editor of new geographical serial, xiii. 689; Examen de la Géographie de Strabon, xiv. 730†
 Dubrovin, N. T., sketch of N. M. P., xiv. 730†
 Du Chaillu, Prof., on the Mid-night Sun, iii. 691†; on Junker's journeys in Central Africa, ix. 419
 Duck Portage, Athabasca, v. 643, 646
 Duclout, J., Mapa de la Republica Argentina, etc., x. 482
 Ducoudray, G., Histoire et Géographie Contemporaine, i. 151†
 Dueru or Kakibbi river, Central Africa, ix. 440
 Du Faur, E., tourists' map of Blue mts., New South Wales, i. 480
 Duff, Sir M. E. Grant—
 Annual addresses, xii. 373*, xiii. 381*, xiv. 353*
 Letter to Lady Pelly, xiv. 421
 On the orthography of geographical names, xiv. 116
 Remarks on papers dealing with:—
 Alaska, etc., xiii. 85; Bahrein islands, xii. 19; Basardjusi, xiii. 329; Brit. Cent. Africa, xii. 743; Central Africa (Stanley's journey), xii. 328; *Challenger* expedition, meteorological results, xiii. 157; China, Western, xiii. 348; Cilicia Tracheia, xii. 463; Columbus, xiv. 613; Cyprus, xi. 719; East Africa (Jackson and Gedge), xiii. 203, (Lugard) xiv. 839, 840; Gazaland, xiii. 591; Greenland, xi. 486; Himalayas, xiii. 423; Imèrina, Madagascar, xiv. 753; journey from Tonking to Canton, xiii. 264; Karun river, xii. 532; Kilimanjaro, xii. 345; Korea, North, xiv. 161; Louisiade, etc., islands, xi. 540; Matebele and Mashonalands, xiii. 19, 21; Owen Stanley Range, xii. 222; Pamirs (Littledale), xiv. 35, (Youngusband) xiv. 232, 234; Persia, Eastern, xii. 595; Ptolemy and East Africa, xiii. 553; Shan States, xiii. 719, 722; Sierra Leone, xiv. 453; Solomon islands, xii. 418; Tana river, xiv. 533; Taurus, xiv. 58; Yoruba country, xiii. 591
 Remarks on the death of Mr. H. W. Bates, xiv. 190; of Lord A. Russell and Mr. Murray, xiv. 337; on opening session, 1889–90, xi. 740; on presenting medals, etc., xii. 472, 475, xiii. 492, xiv. 485, 486; on Mr. Stanley, xii. 488, 500; miscellaneous, xiii. 505, xiv. 493–497
- Dufferin, Lord, takes the chair as president, i. 73; remarks on Mount Cameroons, i. 240; on the Arctic expeditions of 1878, i. 34, 38; on the Bamangwato country, i. 244; on the Nile, i. 619
 Duffy, B., on the Nile, i. 619 with Genoa, xiv. 865†
 Dufief, J., Carte de la Belgique, iii. 697, iv. 327; La Densité de la Population en Belgique, ix. 129†
 Dufl, position of, xi. 646
 Dufour, General G. H., Karte der Schweiz, iii. 116, viii. 751
 Dufourcq, M., on stations on the Lower Ogowe, vi. 481
 Duglas inlet, Korea peninsula, v. 599
 Duhamel, M., ancient map of Switzerland in possession of, viii. 205; Guide du Haut Dauphiné (in part), ix. 710†
 Duke, Rev. W. T., explorations of the affluents of the Purús, ii. 770, iii. 234, iv. 295
 Duke, Sir Wm. M., O.T., report on Thalang, i. 619
 Districts, v. 677†
 Duke of York islands, New Britain, iii. 85; Dictionary and Grammar of the Language of, Brown and Danks, ix. 59†; German trading station at, viii. 552
 Dukhan, Jebel, Bahrein islands, xii. 1, 8
 Dukhan, Jebel, Egypt, ix. 692
 Dukhter Kohil, Persia, v. 152
 Duki river, Central Africa, xiv. 545
 Dukuduku, Zululand, xiii. 433
 Dumagudiam, India, i. 372
 Dumala glacier, Caucasus, xii. 264
 Dumas-Vorzet, M., awards of Paris Geographical Society's Erhard prize to, vii. 251, 547
 Dumbure Range, Tibet, x. 224
 Dumeresq river, Quachan, v. 101
 Dun, Capt. E. W., on the geographical information collected in Burma, xi. 215
 Dunagiri mt., Mr. Graham's ascent of, v. 604, vi. 433, 434
 Duncan, Captain, voyage to Hudson's Bay, x. 554
 Duncan, Dr. J., journey in Dahome, iv. 485, xiii. 46
 Duncan, F., The Royal Province of New Scotland and Baronies, i. 284†
 Duncau, G., Geography of India, ii. 521†
 Duncan, Mrs., death of, v. 692
 Duncan glacier, Selkirk range, xiii. 554
 Dunda station, E. Africa, ix. 494
 Dundas, Capt., Expedition up the Tana, xiv. 513*
 Dun, Echt Observatory Publications: Mauritius Expedition of the Earl of Crawford and Balcarres, viii. 131†
 Dunedin and Invercargill Commercial, etc., Directory for 1886, Stone's, viii. 408†
 Duncs, Les, Réfutation des Théories de M. B. de Beaumont, Zobrest, xi. 397†
 Dungan tribe, Kuldja, ii. 496, iii. 162, 167
 Dungevan Fort, Athabasca, v. 652, 653
 Dunkaraita, Somaliland, xiii. 659
 Dunlop, Robert H., obituary of, x. 244

Earth, the—continued—

- Surface of, distribution of life and rainfall on, x. 275*; economical division of, Hahn, xiv. 182; Heights and Hollows of, Lapworth, xiv. 688*
- The Earth and its Organic Life, Klein and Thomé†, i. 814, iv. 123
- The Earth in Space, Jackson, x. 255†
- The Earth, with Maps and Illustrations, xi. 519†
- Earthquakes and other Earth Movements, Milne, viii. 477†; their Character, etc., Mushkétov, xiii. 188†
- East, The, Nouveaux Mélanges Orientaux, ix. 324†; *Pinnacles of the East*, Helms, iv. 184†; *The East*, x. 395†; Sacred Books of, Max Müller, ix. 260†; Work on, Schweiger-Lerehenfeld, iii. 319†
- East Cape and district, New Guinea, v. 509, xii. 694
- East Cape, Chukche peninsula, iv. 622
- East, Capt., visit to the Crozet islands, ii. 509
- East, J. J., on the Geological Structure and Physical Features of Central Australia, xii. 707†
- East, Mr., journey in East Africa, vi. 476
- East Indies. *See* Indies.
- East Island, Louisiades, xi. 534
- Easter Island, Geiseler, v. 371†; Thomson, xiv. 567†; inscriptions of, Carroll on, xiv. 862; present state of, v. 40
- Eastmain Coast of Hudson's Bay, iii. 579
- Easton, G. F., journeys in North Western China, ii. 314
- Eastwick, E. B., Handbook of the Bengal Presidency, iv. 441†; of the Punjab, v. 743†; obituary of, vi. 380
- Ebers, G., Aegypten in Bild und Wort, i. 149†
- Eberstein, Lieut., ascent of Kilimanjaro, x. 34, 45
- Ebstorf Map of the World, the, xiv. 64
- Echinodermata, Catalogue of, Australian Museum, Ramsay, viii. 605†
- Eck, G. A. van, History, etc., of the island of Bali, ii. 198; *Schoolkaart van Nederl. Oost-Indië*, iv. 456
- Eckhardt, H., Matthäus Merian, Skizze seines Lebens, etc., ix. 720†
- Eclectic Physical Geography, Hinman, x. 671†
- Economic Plants in Malacca, Experiments with, xi. 682
- Ecuador—**
- Boundaries of, Simson on, ii. 193
- Explorations in, Wiener, iii. 73; Magalli, xii. 297
- Extent of, iii. 453
- Geography and topography of, v. 351, 352
- Glaciers of, iii. 459
- High Andes of, Wolf on the Geographical Conditions of, xiv. 126*
- Mountain ascents in, Whympcr, ii. 369

Ecuador—continued—

- Rainfall of, iv. 625
- Sketches of, Stübel, viii. 603†
- Temperatures and heights of mountain summits in, iii. 461
- Travels in the Wilds of, Simson, ix. 321†
- Edagwaba mount, xiv. 327
- Edd or Ayth port, purchase of, vii. 106
- Eddas, the Home of the, Lock, i. 477†
- Edington, J. Flint, Messrs., visit to, vi. 678
- Ede, West Africa, xiii. 585
- Edea river, W. Africa, iv. 586
- Eden, C. H., Africa seen through its Explorers, iii. 61†; Frozen Asia: A Sketch of Modern Siberia, i. 740†; the West Indies, ii. 709†
- Edgerley, Rev. S. H., Ascent of the Old Calabar River, iv. 94
- Edgley, J. C., the Origin and Features of Mountain Systems, ix. 590†
- Edinburgh, Duke of, remarks on Mr. Stanley's address, xii. 330
- Edinburgh, plan of (large scale), Bartholomew, vii. 772; K. Johnston, x. 445; county of, agricultural map of, Richardson, i. 154; pocket map of, K. Johnston, x. 545
- Edkins, Dr., on the stone figures at the Imperial Mausolea, China, v. 28
- Edmonton, Fort, Hector on depth of frozen soil at, viii. 744
- Edom, First Steps on the Water-way of, Colville, vi. 746†
- Edrisi's geography of Spain, vii. 465
- Educational collection, the E. G. S.'s, ix. 764
- Educational geography, Prof. Wagner's report on the progress of, xi. 43.
- Edwards, Ch., Rides and Studies in the Canary Islands, xi. 120†; Sardinia and the Sardes, xii. 568†
- Edwards, Miss, Pharaohs, Fellahs, and Explorers, xiv. 661†
- Edwards, Prof. B., on the soil of N. America, xiv. 87
- Edwin-Arnold river, Africa, v. 700
- Eelbeygi, the, Eliaut-chief, Persia, v. 133
- Eesa tribe, Somaliland, xiii. 659
- Eetvelde, M. von, notice sur l'Etat Indépendant du Congo, ix. 689
- Efat or Ivat island, purchase of, vii. 105
- Efik tribe, West Africa, x. 633
- Egerdir, Asia Minor, xiv. 55; latitude of, x. 162
- Egeria, visit of the, to Christmas island, x. 616
- Egg river, Athabasca, v. 640, 641, 642
- Egga, W. Africa, iii. 28
- Eggers, Baron H., Die Bahama-Inseln, xiv. 808†; journey in San Domingo, x. 239
- Egisarak Kurgan, Turkestan, xiv. 782
- Egli, Dr. J. J., Die Schweiz, ix. 205†; Etymologisch-geographisches Lexikon, ii. 271†
- Egmont, mount, New Zealand, vii. 202

- Egri-Geuk stream, Afghanistan, vii. 286, 562
- Egum Group, British New Guinea, Map of, xiv. 202
- Egypt—**
 After the War, Stuart, vi. 103 †
 Ancient, Christian, and Modern, by F. B., ii. 782 †
 Area and population of, vi. 629, 630
 Caravan routes from, to Syria, ii. 392
 Country and People of Old and New, Virehow, xi. 49, 50 †
 Cultivable land in, extent of, ix. 609
 Cyprus, etc., and, Farley, i. 149 †
 Desert between Cairo and Suez, Schweinfurth's Geognostic Observations in, Beyrich, viii. 661 †
 Dictionary, Geographical, of Ancient, Brugsch Bey, i. 405 †, ii. 70
 Eastern Desert of, Notes on Two Routes in, Floyer, ix. 659 *
 Ethnology, etc., of Ancient, Nile Gleanings on, Stuart, ii. 141 †
 Geographical Society of, Bulletin of, viii. 344
 Handbook for Travellers in, Murray, xiv. 62 †
 Illustrated, Ebers, i. 149 †
 Journal d'un Voyage du Caire à Kénch, etc., Colston, ix. 260 †
 Literature of, Ibrahim-Hilmy, viii. 276 †, x. 541
 Lower, Ancient Geography of, De Rouge, xiv. 63 †
 Maps of:—Bianconi and Schutz, x. 812; French War Office, v. 55; Johnston, vii. 60; Philip, vii. 266; Ravenstein, (Philip), iv. 710; Stanford, iv. 710; Wyld, pictorial and military, iv. 710; with Nile basin, vi. 109, vii. 266, 493; Lower, De Bellefonds, hydrographic, iv. 580; Debes, iv. 709; Intelligence Department, iv. 581; Leake, iv. 710; Middle, v. 504, 629
 Meteorological stations in, Mahmoud Bey on, iv. 179
 Military History of the Campaign of 1882 in, Maurice, ix. 780 †
 Photographs of natives, etc., Lekagian and Co., xiii. 700
 Porphyry quarries of, visit to the ancient, Brindley, ix. 692
 Ptolemy's maps of, xii. 684, 685
 Raian Moeris. *See* Raian.
 Reisebücher, Meyer's, Ägypten, iii. 504 †
 Report on, War Office, iv. 704 †
 Routes in, map of Klunzinger's, Kiepert, ii. 205
 Surveys on Abyssinian border, map of, vi. 360
 Turkish conquests in, vii. 94, 95
 Von Kairo nach Massaua, Wild, i. 345 †
 Wind action in, Petrie, xi. 646 *
 Egyptian exhibits at the Venice Geographical Congress, iii. 751
 Egyptian Sudan. *See* Sudan.
- Ehlers, Otto, ascent of Kilimanjaro, xi. 95, 240, 408; attempt to reach Lake Manyara, xii. 422; proposed exploration in the Shan States, xiii. 685
- Ehreulich, Dr., Land und Leute am Rio Doce, viii. 346 †; journey from the Paraguay to the Amazons, xii. 42; up the Purus river, xii. 239; ethnographische Karte von Brasilien, xiii. 379; Beiträge zur Geographie Central-Brasilien, xiv. 728 †
- Eigner, A., Beobachtungen der Russischen Polarstation an der Leuamündung, viii. 749 †
- Eira*, the:— Voyage of, and Mr. Leigh Smith's Arctic Discoveries, Markham on, iii. 129 *; Second Journey of, to Franz-Josef Land, v. 204 *; loss of the, iv. 544, v. 206; search and relief expedition, iv. 498; rescue of crew, iv. 544; members of committee, v. 233
- Eira harbour, Franz Josef Land, iii. 133
- Ejibo, West Africa, xiii. 585
- Ekamba, South-West Africa, v. 468
- Ekholm, Dr., voyage to Spitzbergen, vi. 352
- Ekowe, sketch of ground about, i. 413
- Elæusa, Asia Minor, xii. 446
- El Arish, position of, ix. 586
- Elba island, geological map of, vii. 411
- Elbe, Map of the, ix. 209; and Moldau, xii. 54; of marshes between the mouths of the Elber and, xiii. 444
- Elbruz mount, Caucasus, v. 171, x. 678, 688, xiv. 101, 176; adventure on, Baron Sternberg's, xi. 99, 100; early ascents of, xii. 257; height of, x. 688; note on map of, Freshfield, xi. 373; position of, xii. 258; photograph of the view from, Sella, xii. 97
- Elburz range, Persia, vii. 564
- Elder, Sir Thomas, on Australian exploration, xiii. 343
- Elderton, W. A., Maps and Map Drawing, xii. 708 †
- El Dorado, Von Langeegg, xi. 189 †
- Eldridge, Mr., on the volcanic eruption at the Grand Souffrière, Dominica, ii. 363
- Eleiduruba, Masai country, v. 523, 525, 526
- Elephant hills, S. India, vii. 728
- Elephant island and falls, Mobangi river, x. 301, xi. 335
- Elephant islands, Carpenter's account of, x. 303
- Elephant marsh, Central Africa, xii. 718
- Elephants, employment of, in African exploration, i. 382, iv. 377; Cust on, iv. 381; Account of the Belgian Elephant Expedition, Rankin, iv. 273 *
- Eleutewer mt., British Guiana, vi. 456
- El Fasher, position of, xi. 643 and note
- El Gaita, Egypt, ix. 665
- El Golea oasis, Algeria, xii. 636; route from, to Gervyville, De Bort on, xiv. 423
- Elgon mountain and its cave dwellings, vi. 708, 711, xiii. 200, 202

- El-Hejjer, rock city, Doughty's visit to, i. 454
- Elias, Ney, expedition in Central Asia, viii. 189, ix. 341; on the Dragon lake of Pamir, ix. 70
- Élie de Beaumont, etc., *Carte Géologique de la France*, iii. 116
- Eliot, John, Report on the Meteorology of India in 1886, x. 473†
- Elliott, Lieut., Expedition into Upper Burma, xiv. 161*
- Elisäef, M., expedition in Asia Minor, ix. 312, 428, 431
- Elk lake, N. America, viii. 652; river, v. 685
- El Khatif, or Gerrha, Arabia, xii. 13
- Ellerbeck, J. H. T., Guide to the Canary Islands, xiv. 871†
- Ellesmere Land, Arctic regions, viii. 157
- Ellice islands, viii. 552, 554, x. 352 *note*, xii. 402
- Elliott, G. F. Scott, Botanical Trip in Madagascar, xiii. 158*
- Elliott, Capt. J. G., Expedition to the Kwilu-Niadi Valley, v. 710, vi. 656*
- Elliott, H. W., the Seal Islands of Alaska, iv. 444†; *id.*, An Arctic Province, ix. 133†
- Ellis, A. B., West African Islands, vii. 258†; The Ewe-Speaking Peoples of the Slave Coast, xiii. 54†; The Tshi-Speaking Peoples of the Gold Coast, xiv. 62†
- Ellis, Lieut., explorations in Dutch New Guinea, xi. 88
- Ellis, Major H. L., notes of a visit to Peru and Bolivia, xii. 227, 228
- Ellis, Sir Barrow H., on the amendment of the regulations, i. 471; obituary of, x. 423
- Ellis, W., Historical Account of the Barometer, viii. 674†
- Ells, R. W., report on Northern New Brunswick, iv. 517
- El Maghreb: 1200 Miles' Ride through Morocco, Stuttgart, viii. 344†
- Elphinstone, M., on the Kafir tribes, iii. 278 *note*; work on the N.W. frontier of India, i. 61
- El Salto, Colombia, v. 259
- Elsass, in the year 1789, map of, Kirchner, ii. 656; Upper, map of, Algermissen, x. 321
- Elsass-Lothringen, maps of, Kiepert, i. 746; Kirchner, vi. 107; wall, Wagner, viii. 348
- Elton, Ch., Origins of English History, iv. 115†
- Elton, Consul, expedition in Central Africa, i. 297, v. 403; Travels in Eastern and Central Africa, i. 222†
- El-Wedj, Mission to, Surtees, x. 734
- Emanuel, L., Jottings, etc., of a Bengal "Qui Hye!" viii. 342†
- Embacher, F., Forschungsreisen des Neunzehnten Jahrhunderts in Synchronistischer Uebersicht, ii. 271†
- Embaras river, Athabasca, v. 640
- Emel valley, surveys in the, ix. 437
- Emigrants' Information Office Handbooks, xii. 439†
- Emin Pasha, Maps of the journeys of, iv. 520, 780, v. 504, 750; position of, viii. 781; biographical sketch of, ix. 251; letters from, ix. 439; letter to, from Emir Karm Allah, ix. 415; Letters and Journals of, in Central Africa, x. 252†; Stanley's relief expedition, ix. 47, 114, 126, 202, 336, 339, 759, 765, x. 646, xii. 37; Geographical Results, xii. 313*: telegram of congratulation to, xii. 230; award of medal to, xii. 288; on the fate of Lupton Bey, xii. 289; geographical, etc., work of, xii. 473-475; Emin Pasha and the Rebellion at the Equator, Jephson, xiii. 54†; German Relief Expedition, Von Rust, xiii. 443†; expedition to lakes Albert-Edward, and Albert, xiv. 47, 471, 540; discovery of a southern source of the Nile, xiv. 47
- Empire, Round the, Parkin, xiv. 578†: the New, etc., Howland, xiv. 63†
- Empress Augusta river, New Guinea, viii. 719, x. 601; journey up, Von Schleinitz and Schrader, ix. 120, x. 241
- En Avant*, the, Congo steamer, xi. 333
- Encañada de Bala mt, Bolivia, v. 336
- Encañada Iniqua mts, Bolivia, v. 338
- Encañada Veniqui, Bolivia, v. 340
- Encañada Veo precipices, Bolivia, v. 337
- Encyclopædia Americana†, viii. 674; xi. 754; Britannica†, vii. 619; viii. 408; index of†, xi. 320
- Eneno river, Peru, xiv. 387
- Engamor, valley of, Persia, v. 66
- Engelhardt, W. Africa, xiv. 516
- Engelhardt, E. H. C. van Norderland, xiv. 722†
- Engelhardt, D. P., and J. Wensierski, Karte von Central-Ostafrika, viii. 541; travelling sketches in the same, xiv. 776
- Engelhardt, H. E. D., Originalkarte der Ostafrika, viii. 608
- England—
- And Canada, Sandford Fleming, vi. 544†
- And Russia Face to Face in Asia, Yate, ix. 206†
- And South Africa, Gibbs, xii. 121†
- Counties of, Philip's atlas of, vii. 776
- Displacement of Population in, influence of physical geography upon, Levasseur, xiv. 317; map showing, xiv. 268
- East, Airey's railway map of, vii. 772
- Fenland, etc., of, maps showing drainage of, xi. 399
- Geographical education in, progress of, Keltie, xiii. 629
- Instruction in navigation in, iv. 297, 302, 306
- Lake District of, Baddeley's Guide to, ii. 587†
- Map of, K. Johnston, x. 481

Eso tribe, W. Africa, xii. 602
 Esperanza falls, Beni river, xi. 497
 Espirito Santo, Brazil, x. 64
 Espirito Santo island, Capt. Williams on, xiv. 710
 Esquimaux. *See* Eskimo.
 Essequibo river, British Guiana, ii. 466, *et seq.*, vii. 522; gold mine on the, xiv. 687
 Essina, ancient town of Africa, xiii. 525, 526, 546
 Estévez, N., Atlas Geográfico de America, vii. 494
 Estom, Lake, configuration of, xiv. 630
 Estrella bay, xii. 403, 415
 Etannine falls, British Guiana, ii. 486
 Etembwa river, latitude, longitude and comparative volume of, viii. 628
 Ethen Eldeli tribe, Athabasca, v. 651
 Etheridge island, Arctic Sea, iii. 132
 Etheridge, Mr., on voyages in the Barents Sea, 1879, ii. 40; on the voyage of the *Eira*, iii. 147; on Whympers journey in the Andes, iii. 471
 Ethiopia, area and population of, Levasseur on, xi. 677; Oriental, J. dos Santos, xiv. 808 †; Southern, Borelli, xii. 768 †; Work on, Sapeto, xii. 640 †; Ptolemy's position of, xiii. 545
 Ethnographical collections at the Geographical Congress in Paris, xi. 557; Journal, New Russian, xii. 612; museum, Paris, iv. 384
 Ethnology, Bureau of, Reports, Powell †, 1880-81, vii. 694; 1881-82, viii. 536; 1884-85, xiii. 306; work on, Ratzel, x. 608
 Etienne, Dr., on the climate of Banana, xiv. 559; in 1890, xiv. 571 †
 Etma, Mount, Freeman on, xiv. 402; History, etc. of, from the manuscripts of Dr. Sartorius, Lassaulx †, ii. 520; iii. 58; History of the Mountain and its Eruptions, Rodwell, i. 283 †; map of, Chaix, xiv. 136; photographs of, *id.*, xiii. 136; Ride to, *id.*, xiii. 183 †
 Etruria, Cities and Cemeteries of, Dennis, ix. 517 †
 Etymological - Geographical Dictionary, Egli, ii. 271 †
 Eubœa, North, country and people of, Drosinis, vi. 235
 Euphrates, floods of the, x. 393; Nixon on, i. 797; Personal Narrative of Expedition to, Ainsworth, x. 803 †; Valley Railway, v. 130, Cameron on, i. 685
 Eureka District, Palæontology of, Walcott, vii. 770 †
Europe—
 Area and population of, xiii. 27, 28; 689; of Countries of, Levasseur on, xiv. 466, 501 †
 Atlas of, physical, v. 120
 Climate of (duration of a certain mean temperature in different areas), Supan on, ix. 441; wall map of, Coordes and Bamberg, x. 481
 Commerce in, History of, Gibbins, xiii. 571 †; map of, Berghaus, viii. 412

Europe—continued—

Fresh-water Fishes of, Seeley, viii. 478 †
 Geographical structure of, xiv. 644
 Geography, Statistics, etc. of, and Her Colonies, ii. 587 †
 Germans in, maps showing the distribution of, Kiepert, ix. 786; Nabert, xiii. 444
 Growth of the continent of, Geikie, i. 436
 Growth of population in, Oppert, viii. 399
 Handbook for travellers in, Harper, iii. 573 †
 Historical geography of, Freeman, iii. 375 †
 Horizontal configuration and composition of, Ulrich, v. 373
 Illustrated, Orell, Füssli, and Co. †, iv. 573, ix. 777
 Inland Navigations in, Begg, vii. 833 †
 Interchange with Siberia by sea, attempts in 1879 to establish, ii. 321, 322
 International Geodetic Association of, vii. 683, 684
 Introduction to the Knowledge of the Lands of, Kirchhoff, ix. 711 †
 Maps of:—xi. 399, xii. 709; Baur, iii. 639; Hachette, i. 159; Kiepert, i. 154, vii. 772; Logerot, i. 153; Orohydrographical, wall, Kiel, vi. 427, 611; Physical, Vuillemin, iii. 697; relief, vii. 496; route, König, vi. 427; school, Bacon, vi. 244, Friedemann, iv. 456, Schrade, xiv. 268, Stanford, i. 159; school, wall, Cuppers, iv. 456, Von Haardt, v. 752, Kiepert, iv. 192, vii. 272; wall, Bamberg, viii. 213, Berghaus-Gönczy, vii. 611, Bonnefont, vi. 173, Gaultier, vi. 173, Leedor, viii. 136, von Stülpenagel, ii. 656
 Miocene of, v. 621
 Natural limits of, Wagner and Supan, xiii. 684
 Northern countries of, Nordenskiöld's discovery of a MS. map of, v. 529
 Picturesque, Cassell, xiv. 878 †
 Ptolemy's maps of, facsimiles of, ix. 591
 Railway map of, xii. 252; *id.*, Franz, ix. 326
 River basins of, atlas of, Vuillemin, i. 224, iii. 704
 River systems of, compared with those of other continents, Bronner, viii. 674
 Seas of, Supan on mean level of, xiv. 468
 Stanford's Compendium of Geography, etc., Rudler and Chisholm, vii. 127 †
 Superficies of, Stelbitsky, iv. 245
 Time standards on railways of, xiv. 465
 Trade route, new, between America and, Sutherland, viii. 728
 Triangulation of, vii. 683
Europe, Central—
 Annual Isonephs of, chart of, Elfert, xii. 441
 Geological map of, Bach, vi. 106
 Maps of:—General, v. 508, 683, ix. 63; Hoffmann, iii. 117; Vienna Military

Europe, Central—continued—

Geographical Institute, i. 348, 540, vi. 106, 173, 427, 752, vii. 491, 772, viii. 348, 605; relief, Dickert, v. 308, 627; special, Liebenow, ii. 327, 656, iv. 447, vi. 107; topographical, special, ix. 463, xi. 702, xii. 187, 367, xiii. 131, xiv. 268, 348, 579; touring, Bartholomew, xiii. 641

Railway, etc., map of, Plechawski, vii. 773

Europe, Eastern—

Map of, ix. 655

Railway map of, x. 400; *id.*, Pohl and Widimsky, iii. 697

Since the Treaty of Berlin, Vogel, ii. 588 †

Europe, Northern—

Discovery of a MS. map of, Nordenskiöld, v. 529

Origin of cartography in, Hamy, xi. 576

Waterways of, von Weber, iii. 574

European settlement. Lands of the Globe still available for, Ravenstein, xii. 27 *

European Statistics, Peschel, ii. 324 †

Europeans, acclimatisation of, in tropical countries, xiii. 30, 31

Euterpe oleracea, or palmito, a substitute for bread, x. 77

Euting, Prof. J., journey in Central Arabia, vi. 401

Euworra-eng, village, vii. 500

Evans, Capt. Sir F. J., on a journey through Cyprus, i. 104; review of maritime discovery, 1881–81, iii. 621; reports on admiralty surveys, iv. 551, v. 386, 593; obituary of, viii. 112

Evans, Dr. J., xii. 613

Evans, P. F., From Peru to the Plate, overland, xi. 752 †

Evans, Sir J., an Archæological Survey of Hertfordshire, xiv. 792 †

Eve, H. W., on the aims and methods of geographical education, viii. 188

Everard ranges. Australia, xiv. 181

Everest, Capt. Sir G., survey work in India, vii. 678, 679; on the name of Mont Everest, viii. 177

Everest, Dr., journey in Alaska, vii. 246

Everest, Mount, and neighbouring peaks, bearings and heights of, viii. 90; Notes on, Walker, viii. 88 *, 257 *; *id.*, Freshfield, viii. 176 *; peaks higher than, reported, vi. 69, 70, 440; Farmer on the identification and name of, xiii. 108, 109

Everill, Capt. H. C., Report of the New Guinea Expedition, viii. 673 †; explorations in New Guinea, viii. 732

Eves, C. W., Jamaica at the Royal Jubilee Exhibition, Liverpool, 1887, ix. 650 †; the West Indies, xi. 396

Evorra tribe, ix. 603

Ewart, W., Settlement in India and Trade with Central Asia, xi. 749 †

Fæc people. map of district of, Hassenstein, x. 612

Exaltacion, Bolivia, v. 326, 334, 347

Examinations for public schools' prizes, notices and results of, v. 168, 290

Exhibition of appliances used in geographical education, viii. 52; lectures and discussions, viii. 116, 121, 193, 198; results of, viii. 417, 421; expenditure of, viii. 460; at Bradford, viii. 724

Expedition lake, Tibet, vii. 171

Explorations, Chief, of the 19th Century, Embacher, ii. 271 †

Exploring expeditions, equipment of, now and fifty years ago, Galton, iii. 608

Exton creek, New Guinea, xii. 197

Eyo or San Benito river, W. Africa, vii. 550

Eyre, Lake, Central Australia, xiii. 351, 355

Eyre, Major-General Sir Vincent, obituary of, iii. 672

Eyvindara river, Iceland, x. 306

F

Fabert, M., on the country of the Trarzas and S. W. Sahara, xiv. 338

Fabre, F., Bedarf Deutschland der Colonien?, xi. 518; Fünf Jahre Deutscher Kolonial-Politik, xi. 518 †

Fabricius, Capt., Norwegian coast and deep-sea surveys in 1886, ix. 380

Færøe islands, v. 725; and Iceland, Labonne, xi. 52 †; reported subsidence of one of the, vii. 611, 824

Faf village, Somaliland, vii. 631

Fagundes, João Alvares, early expedition in North America, vii. 34, 35

Fahlyun river, Ab-i-shur or Rudyan, v. 161, 162

Faidherbe, General, death of, xii. 45; Le Sénégal, xi. 513; on the position of the French on the Upper Niger, vii. 44

Fairweather, Mount, Alaska, height of, ix. 279

Falaba, Sierra Leone, xiv. 446

Falb, R., Das Land der Inca in Seiner Bedeutung für die Urgeschichte der Sprache und Schrift, iv. 773 †

Falcon, Cruise of the, Knight, vi. 103 †

Falcon Island, a Visit to the newly emerged, Lister, xii. 157 *

Falcide, on the Nordfjord, depth of frozen soil at, viii. 743, *et seq.*

Faleme river, Senegambia, xi. 175; exploration of, Oberdorf, x. 379

Falkland islands, avalanche of peat in the, Mulvany on, i. 803; climate of, ii. 703; *id.*, Cobb on, x. 797

Falkner, Th., Description of Patagonia, etc., viii. 411 †

Fall Jökull, Iceland, xiv. 844

Fallot, E., Par delà la Méditerranée, ix. 649 †

Falut, Himalayas, viii. 91

Famagusta harbour, Cyprus, i. 103, 104, xi. 716

Fan-tsze tribe, N. China, ii. 315

- Faoussek, M., projected expedition of, to Lapland, xi. 309
- Farah-rud river, i. 194, 195
- Farewell Cape, Greenland, v. 363, 364; position of, iv. 104
- Farini, G. A., A Recent Journey in the Kalahari, viii. 437*; Through the Kalahari Desert, viii. 536†
- Farler, Ven. Archdeacon, on the Usambara Country, i. 81*; on K. Johnston's expedition, i. 533; map of routes in the Masai country, iv. 606; Native Routes in East Africa (Masai Land, etc.), iv. 730*; on Last's visit to the Masai, v. 540; on the Kilimanjaro expedition, vii. 158; on journeys between Blantyre and Quillimane, vii. 664; on Jackson and Gedge's journey to Uganda, xiii. 207; on the council report, xiii. 503
- Farley, J. L., Egypt, Cyprus, and Asiatic Turkey, i. 149†
- Farlow, S. C., schools' prize medal awarded to, v. 422
- Faro river, xiii. 464
- Farrell and Parkinson, Messrs., coffee and cotton plantation in New Britain, viii. 552
- Farrer, R.R., A Tour in Greece, 1880, iv. 771†
- Fars, Persia, cities of, v. 715; the Kur river in, Houtum-Schindler, xiii. 287*
- Farsakh, Persian, Length of the, Houtum-Schindler, x. 584*
- Fashoda, position of, xi. 644
- Fasolo, Prof. F., L'Abissinia e le Colonie Italiane sul Mar Rosso, x. 476†
- Fastre island, position of, ix. 600, 606
- Father and Sons volcanoes, New Britain, iii. 95
- Fatira, Wadi, ix. 679
- Faunthorpe, Rev. J. P., remarks on presentation of prizes to students of training colleges, x. 469, xii. 478, xiv. 490
- Fauque, Paul, journey in Sumatra, vii. 254
- Faure, C., Congrès International des Sciences Géographiques en 1889, xiv. 344†; Les Progrès de l'Enseignement de la Géographie en Angleterre, etc., xi. 518†; *id.*, en France, xiii. 742†; Notice sur Arnold Guyot, viii. 281†
- Fauro island, Solomon islands, x. 359
- Fausek, V. A., journey in the Kumomanytsh lowlands, ix. 429
- Fauvel, A. A., Province du Shantung, map of, i. 80
- Favé, M., survey work in Madagascar, x. 649
- Favenc, E., Explorations of the Upper Gascoigne and Ashburton Rivers, xi. 492*; History of Australian Exploration, 1788-1888, x. 743†; Western Australia: its Past History, etc., ix. 719†
- Favre, A., Carte Géologique du Canton de Genève, i. 612
- Favre, M. E., explorations in the Caucasus, x. 684, 685; Recherches Géologiques de la Chaîne du Caucase, x. 315†
- Fawn, H.M.S., survey work of, i. 370
- Fayoum and Raian basins, etc., Cope Whitehouse on, x. 733
- Fayoum, Journey in the, Schweinfurth, viii. 601†
- Fazio, L., Memoria descrittiva do la Provincia de Santiago del Estero, xii. 248†
- Fea, M. Léon, journey in Tenasserim, x. 711
- Featherstonhaugh, G. W., Canoe Voyage up the Minnay Sotor, x. 745†
- Fedchenko or Sel-sai glacier, i. 209, 592
- Fedderson, M., on the former vegetation of Iceland, ix. 192, 255
- Fee river, Alaska, ix. 273
- Feilberg, M., expedition to the Pilcomayo, vii. 399
- Feilden, E. W., My African Home (Natal), ix. 206†
- Feilden, Major, on the Arctic expeditions of 1878, i. 35; on those of 1879 in the Barents Sea, ii. 39; memorandum on the relief of Greeley, vi. 221
- Feili tribe, S. W. Persia, xii. 531
- Feistmantel, O., Fossil Flora of Coalfields in Western Bengal, ix. 259†
- Fei-yu-ling pass, xiii. 334
- Felbermann, L., Hungary and its People, xiv. 806†
- Felkin, Dr. R. W., journey to Victoria Nyanza and back, vii. the Nile, ii. 44, 357; (and Rev. C. T. Wilson) Uganda and the Egyptian Soudan, iv. 183†; Can Europeans become acclimatized in tropical Africa?, viii. 799; Notes on the Waganda, ix. 132†; co-editor of "Emin Pasha in Central Africa," x. 252†; on the poisoned arrows used by the Tikki-Tikki tribe, xi. 379; receives medal on behalf of Emin Pasha, xii. 472; on acclimatization, xiii. 630
- Fellach, or Ansarieh, tribe of Asia Minor, x. 104
- Feng-shui wall round the Imperial Mansolea, v. 24 and note, 27
- Feng-tien or Lian-tung province, ix. 531, 532
- Fenton, F. D., on the Maori Race, vii. 831†
- Féraud, M., death of, xi. 109
- Féret, E., Statistique du Département de la Gironde, i. 282†
- Ferghana, Severtsof's Journey in, 1877-78, ii. 499*
- Ferguson, A. M., Ceylon Mercantile and Planting Directory, xiv. 569†
- Ferguson, D., Captain João Ribeiro: his Work on Ceylon, xii. 637†
- Ferguson, John, Ceylon in the Jubilee Year, x. 176†
- Ferguson, Sir J., remarks on British Central Africa, xii. 740
- Ferguson island, D'Entrecasteaux group, xi. 536, *et seq.*; Macgregor's exploration of, xiv. 327
- Fergusson, James, obituary of, viii. 113
- Fernandez, A., visit to Galla Land, vi. 256

- Fernandez, Capt., explorations of the Ugnaray-Guázu river, ix. 581
- Fernandez, Fraile Padre Louis, instructor of Mositana Indians, v. 337
- Fernandina island, xiv. 595
- Fernando do Noronha, island of, Lea. x. 424 *; Natural History of, xiii. 305 †; *Æolian Sandstones of*, by J. C. Brauner, xiii. 740 †
- Fernando Po, i. 225, vi. 616, 622; exploration of, x. 45; physical features of, Baumann, ix. 623; exploration of, *id.*, x. 45; work on, *id.*, x. 396 †; map of, ix. 656; Rogozinski's ascent of Clarence Peak in, xii. 289
- Fernão Vaz, W. Africa, vi. 181; river, v. 229
- Fernão Veloso bay, Mozambique, iv. 597, vii. 373
- Ferrandi, M. G., expedition to the Juba river, xiii. 176, 722
- Ferrel, Prof. W., Recent Advances in Meteorology, ix. 521 †
- Ferry, Jules, Le Tonkin et la Mère Patrie, xii. 569 †
- Feruzkohi, country of the, vii. 564, viii. 148
- Fésigny, Lieut. de, explorations of the Mekong river, ix. 744, x. 300, 468
- Festina, Major, award of Outhbert Peak Grant to, x. 300, 468
- Fez, M. Duveyrier on the altitude of, viii. 60
- Fianárantsoa, routes from, iv. 532-534
- Fief, J. Du, La Question du Congo, etc., vi. 618 †; L'Enseignement Supérieur de la Géographie en Belgique, xiv. 722 †
- Field, Capt., on an expedition to the Louisiana Islands, xi. 540
- Fiennes, C., Through England on a Side Saddle in the Time of William and Mary, xi. 114 †
- Fingert, W., Rio Dôce, x. 64
- Fingert, W., iv. 367
- Fiji islands, viii. 546; At Home in, Gordon Cumming, iii. 380 †; A Year in, Inquiry into the Botanical, etc., Resources of the Colony, Horne, iii. 764 †; Handbook to, and Catalogue of Exhibits in the Colonial Exhibition, vii. 539 †; map showing Horne's explorations in, iv. 455; map of part of, Wyld, vi. 111; Notes of Travel in, Anderson, iii. 63 †; surveys of coasts of, iv. 555, v. 599
- Filippo, P. A. di S., Iveri scopritori delle Isole Azore, xiv. 865 †
- Finch, H. T., The Pacific Coast Scenic Tour, xiii. 185 †
- Finch, J., To South Africa and Back, etc., xii. 770 †
- Findelen glacier, vii. 600
- Findlay, A. G., Directory for the Navigation of the Indian Archipelago and the Coast of China, etc., xi. 700 †; of the North Pacific Ocean, etc., viii. 280 †; observations on the Gulf Stream, ix. 762
- Finisterre mountains, New Guinea, v. 599, 510
- Finke river, Australia, Chewings' journey to the sources of the, ix. 192; Lindsay's exploration of the, xi. 650, 654
- Finland, Geographical Society of, Bulletin of, xi. 390 †; Hult's station for physical geography observations at, viii. 397; North, Rabot's journey in, vii. 398; polar expedition to Sodankylä, result of the, vi. 581; red tree of, Grignot, . . . Results of the Kola Expedition in 1887-92, xiv. 865 †; Travels in, Zschokke, i. 284 †
- Finmarkens Amt, Norway, Ethnographical Map of, xi. 702 †
- Finsch, Dr. O., Reise nach West-Sibirien, 1876, i. 686 †; expedition to the North Pacific, ii. 50; explorations in Polynesia, iii. 180, 572; expedition to New Guinea, vi. 38, vii. 542, 670; Naturprodukte der Westliche Südsee, etc., ix. 782 †; Ethnologischer Atlas, Typen aus der Steinzeit New Guineas, xi. 121 †; Sambofahrten, xi. 121 †
- Finsch haven, German settlement at, viii. 332; rainfall at, xiii. 176, 177
- Fiorini, M., Gerardo Mercatore e le sue Carte Geografiche, xii. 708 †; Le Projezioni Cordiformi nella Cartografia, xi. 636 †; Le Projezioni delle Carte Geografiche, iv. 391 †; Le Projezioni quantitative ed equivalenti della Cartografia, x. 607 †; Misure lineari, superficiali ed angolari offerte dalle carte Geografiche, viii. 674 †
- Fiote language, the, vi. 190
- Fipa country, Tanganyika, iv. 6
- Firmin-Didot, M. Alfred, publication of *Géographie de Ptolémée*, v. 173
- Firuzkuhi tribe, vii. 564, viii. 148
- Fischer, Andreas, Zwei Kaukasus-Expeditionen, xiii. 735 †
- Fischer, Dr. G. A., ascent of the Tana river, xiv. 531; German expedition to Mount Kilimanjaro, v. 32, 103, 380, 428, 476, 478, 544, 558, 604, 658, 730; Journey in the Massai Country, vi. 76 *; Mehr Licht im dunkeln Weltteil, vii. 618 †; on the resources of Africa, vii. 740; Masailand, viii. 128 †; expedition for the relief of Dr. Junker, vii. 338, 380, viii. 329, 330, 395, 648, 649, ix. 45, 341; obituary of, viii. 791
- Fischer, Dr. Hans, Die Aequatorialgrenze des Schneefalls, x. 607 †; (and Prof. L. H. Guthe), Handkarte von Palästina, xiii. 696
- Fischer, Th., Kartenskizze der Geographischen Verbreitung der Dattelpalme, iii. 381 †; fac-similes of old maps of the world, ix. 326; on the climate of the Mediterranean countries, . . . hydrographische W. . . vi. 427; on changes of the coast-line in Northern Africa, ix. 242
- Fisher, F. H., and E. T. Atkinson, Statistical, etc., Account of the North-Western Provinces of India, vi. 300, 354 †

- Fisher, Rev. O., Physics of the Earth's Crust, xi. 518 †
Fishes, Freshwater, of Europe, by H. G. Seeley, viii. 478 †
Fisht mountain, Caucasus, xiv. 177
Fitch, J. G., on geographical education in training colleges and elementary schools, x. 297
Fitz-Patrik, Mr., An autumn cruise in the *Ægean*, ix. 323 †
Fitz-Roy, Capt., survey of the Galapagos islands, ii. 745
Fitzroy river, Australia, ii. 512, 513, v. 722, ix. 695
Fjelde, Capt., report on ice off Iceland in 1882, iv. 498
Flamini island, West Africa, v. 702
Flanders, Mercator's great map, of, photo-type reproduction of, Maes, iv. 578
Flatters, Col., expedition to the Sahara, ii. 483, iii. 52, 184, 242, 243, iv. 863
Flegel, E. R., map of the Binué river, from Djen to Ribago, ii. 334; explorations in the Niger-Benneue region, iii. 371, iv. 106, 598, v. 551, 659, 731, vi. 376, 662, 688; Reise von Rabba nach Sokoto und zurück, map, Kiepert, iv. 128; discovery of the sources of the Benue and Logone, v. 360; Kartenskizze der Gegend im Süden des Benué, v. 504; map of the Amambara river, vi. 238; obituary of, viii. 654; Vom Niger-Binué, Briefe aus Afrika, xii. 437 †
Fleischhauer, W., Karte d. Landdrostei-Bez. Hildesheim, iii. 508
Fletcher, S. C., Pacific Railway, i. 153; R. R. and the same, i. 478, ii. 101, 102, 103, 104, Canada, vi. 544 †; Universal or Cosmic Time, vii. 620 †
Flemming, C., Ostliche und Westliche Halbkugel, maps, xiv. 199
Fletcher, J. C., and D. P. Kidder, Brazil and the Brazilians, i. 479 †
Fletcher, Mr., report on surveys in Nova Scotia, iv. 617
Flett, A., on the depth of frozen soil at Fort Macpherson and Mackenzie river, viii. 741, 744
Flint, Dr. Van, journey across Africa, vii. 183
Flint, Mr., on Im Thurn's journey in British Guiana, ii. 488; visit to Mt. Roraima, vi. 671, vii. 528
Florida—
Climate of, Cridland, iii. 50
Explorations on the west coast of, etc., Heilprin, ix. 589 †
Forest region of, xii. 429
Florida—continued—
Handbook of, Norton, xiii. 186 †
History of Hernando de Soto and, Shipp, iv. 445 †
Maps of—Rand, McNally & Co., vii. 267; Williams and Bushnell, ix. 724
Of To-day, Davidson, xi. 189 †
Orange County, viii. 407 †
Scenery, climate, etc., of, Lanier, vii. 491
Florida island, Solomon islands, latitude of, xii. 415
Florio-Sartori, F., Island of Caprera and the Hero of the Two Worlds, xi. 114 †
Flower, C. E., Algerian Hints for Tourists, xii. 53 †
Flower, Prof., on the exploration of the Little Andamans, x. 576
Floyer, E. A., journey in Persia, i. 333; Persia and Baluchistan, iv. 441 †; on the Nile, v. 124; on the Nile route from Halfa to Debba, vi. 579; Two Routes in the Eastern Desert of Egypt, ix. 659*
Fly river, New Guinea, vi. 204, 205, 217, xiv. 789; Australian expedition to, viii. 101, 433; coast by the delta of, v. 506; journeys up, D'Albertis, i. 4*; navigation of, MacGregor, xii. 352, 690
Flying Fish, survey work of, iv. 554; visit to Christmas island, x. 615
Fou, M., voyage up the river Wheni, xi. 98; travels in Central Africa, iv. 339
Foerster, Prof., investigations on the Krakatoa eruption, xi. 252
Foncin, P., Géographie Générale, x. 111 †; on the use of the French language in Switzerland, viii. 60
Fond-du-Lac, Fort, and river, Athabasca, v. 645, 652, 653
"Fonds des Voyages," proposal for the restoration of the, v. 44
Fonseca, S. America, iii. 716
Fontana, Lieut.-Col., journey along the Chubut river, Paraguay, xii. 527
Fontane, M. M., Universal—Universelle, relating to Egypt, v. 43 †
Foot, Capt. C. E., v. 659, 730; on Usambara, i. 94; on Thomson's progress in East Africa, ii. 265; on Last's visit to the Musai, v. 541; progress of journey in E. Africa, vi. 476, 578
Foot Point, E. Africa, xii. 139
Fôrâwa tribe, Sudan, xi. 574
Forbes, Anna, Insulinde, Experiences in the Eastern Archipelago, ix. 778 †
Forbes, C. J. F. S., British Burma and its people, etc., i. 76 †; obituary of, ii. 417
Forbes, Ed., views of, on the geographical distribution of living forms, iii. 600, 601
Forbes, H. O., Notes on the Cocos or Keeling Islands, i. 777*; travels in the Eastern Archipelago, v. 656, 657; Exploration in the Tenimber Islands, or Timor-laut, vi. 113*; the Volcanic Eruption of Krakatan, vi. 142, 219*; A Naturalist's Wanderings in the Eastern Archipelago, vii. 483; expedition to New Guinea,

- Forbes, H. O.—*continued*—
 v. 408, vi. 372, 403, vii. 383, 424, 607, 669, 815, viii. 48, 268, 332, 433, 524, 648, 795, ix. 508; grant by the British Association for, vii. 674; subscription for, vii. 815; on Christmas Island, x. 624; on the Owen Stanley Range, xii. 558*; on the nomenclature of Owen Stanley Peaks, xii. 698; visit to the Chatham islands, etc., xiv. 718; British New Guinea as a Colony, xiv. 662 †
- Forbes, Litton, notes on the territory of Arizona, v. 667; on the geography and meteorology of Kansas, iv. 641
- Forcados river, West Africa, x. 762
- Foreign Missions, Fifty Years of, Smith, ix. 62 †; Proceedings of the Midway Park Conference on, 1878, ix. 61 †
- Foreign Travel, Reminiscences of, Crawford, x. 480 †
- Forel, Dr. F. A., L'Avalanche du Glacier des Têtes Rousses, xiv. 658 †; Le Lac Lemán, ix. 258 †
- Foreman, John, the Philippine Islands, xiii. 691 †
- Forest-growth on arid lands, Powell on, x. 793
- Forests, influence of, on rainfall, Blanford's and Gannett's investigations on, x. 40, 98, xi. 43
- Forg, Persia, xii. 580, 581
- Formosa—
 Characteristic Traits of the Island, etc., Taylor, xi. 224 *
 Chinese Government's new capital at, viii. 720
 Harbours of, vii. 3, 22, 251
 Island of, vii. 251, 400
 Journeyn in, Warburg, xi. 742
 North, Hancock, v. 674; map of, Paterson, v. 54
 Overland Journey through Southern, Beazeley, vii. 1 *
 Rainfall in, effects of, Thompson, xiv. 712
 Sulphur Springs of, vii. 21, 22
- Forrest, A., expedition in North-Western Australia, i. 277, ii. 126, 512; Journal of the same, ii. 711 †; map of route, ii. 464
- Forrest, G. W., Selections from the Letters, etc., preserved in the Bombay Secretariat, viii. 610 †
- Forrest, Hon. John, map of Western Australia, i. 750; explorations in North-West Australia, v. 722; report on the Kimberley gold fields, viii. 646; geographical work in Western Australia, 1870-87; ix. 693
- Forrest, R. J., on the Province of Shansi, ii. 47
- Forster, Prof., on the changes of the earth's axis of rotation, xiii. 234; on the unification of the hour, the initial meridian, and the metric system, xiii. 733; on the upper strata of the atmosphere, xiii. 437
- Forsyth, Sir T. Douglas, on passes leading to Bamian, etc., i. 256; on Morgan's visit to Kulija, iii. 168; obituary of, ix. 123; Autobiography and Reminiscences of, x. 318 †
- Fort Dauphin, Madagascar, xiii. 61, 368
- Fort Rae, Canada, British meteorological expedition to, iv. 293
- Fort Salisbury, Mashonaland, position of, xiii. 18 note, xiv. 239; Selous on, xiii. 609
- Fort Victoria, gold-bearing reef near, xiv. 299
- Fortescue, G. K., Subject Index of the Works added to the Library of British Museum 1880-85, ix. 134 †
- Forth, Firth of, physical geography of, Mill, xiv. 627
- Forwood, Mr., on the formation of a Liverpool geographical society, xiv. 49
- Foster, J. J., The Jenolan Caves, xii. 641 †
- Foster, Mr., Journey in Mashonaland, xii. 349
- Fotheringham, L. M., Adventures in Nyasaland, xiii. 239 †
- Foucauld, Vicomte C. de, journey in Morocco, vi. 475, vii. 547; award of Paris Geographical Society's medal to, vii. 251, 547; Reconnaissance au Maroc, 1883-84, x. 670 †
- Fougla, latitude of, x. 162
- Fou-ma-fou or Din-yuan-in, vii. 168
- Fouquet, F., Santorin et ses Eruptions, i. 282 †
- Foureau, M., journey from Uargh to El Erg, ix. 203; explorations in the Sahara, xii. 428, 554, xiv. 559
- Four Forks Channel, Athabasca, v. 641, 612
- Fourneau, M. A., journey in West Africa, xiii. 180; return of his expedition to the Shari region, xiii. 687
- Fournel, Marc, La Tripolitaine, x. 50 †
- Fournereau, M., expedition to Indo-China, x. 389, xi. 48; Les Ruines Kmers du Cambodge, xi. 313 †
- Fouquet, F., obituary of, vii. 48; bequest to Paris Geographical Society, vii. 547
- Fousang, the Country of, Schlegel, xiv. 570 †
- Fowler, Mr., Explorations in British Honduras and Guatemala, ii. 129; visit to ruins in Yucatan, ii. 581
- Fowler, Sir R., on Bechuanaland and the Land of Ophir, x. 731
- Fox, Capt. G. V., on the landfall of Columbus, vi. 586
- Fox, Capt. L., North-West Fox, vii. 490 †; voyage to Hudson's Bay, x. 552
- Fox, G. E., Excavations on the Site of the Roman City at Silchester, xiv. 722 †; Discoveries of Roman Remains in Lincoln, xiv. 722 †
- Fox, H., and W. F. Donkin, disaster to, in the Caucasus, x. 715, 790. See Donkin.
- Fox Channel ice, vii. 463
- Fox telegraph expedition to Greenland, xi. 485

Fraas, Dr. O., *Aus dem Orient*, i. 147 †;
on the climatic changes of North Africa,
iv. 684

França Leite, Dr. R. N. da, *Attempt to
Colonise the Banks of the Rio Dôce*, x.
66, 67

France [see also French]—
Album de Statistique Graphique de
1885, ix. 67
And her Colonies, Mennel's map of, x.
673
And her neighbouring countries, map of
(physical), i. 117, ii. 203
As Compared with Germany, vi. 235 †
As it is, Lebon and Pelet, transl. Arnold,
xi. 52 †
Atlas of, Vuillemin, vii. 272; *id.*, historical,
Longnon, vii. 270, x. 260
Census of, 1886, ix. 53, 586; Statistical
Results of, xi. 52 †
Central Plateau of, Geological Develop-
ment of, Frech, xi. 459 †
Coast Line of, Dunkirk to Mont Saint-
Michel, vi. 53 †
Colonial, Norman, viii. 803 †
Colonial expansion of, Lanessan, ix. 60
Congress of Geographical Societies of,
1880, report on, Rawson, iii. 55
Deep lakes of, Delebecque's survey of,
xiv. 556
Equinoctial (Guiana, etc.), Coudreau, ix.
716 †
Fundamental Divisions of the Soil of,
V. de la Blache, xi. 187 †
Garrisons of, maps of environs of, i. 745
Geological maps of:— v. 183, vii. 350,
ix. 591, xi. 520, xiv. 731; Elie de
Beaumont, etc., iii. 116; Vasseur
and Carez, vii. 213
Handbook for Travellers in, Murray, xiv.
194 †
Historical geography, Professorship of,
in, xiv. 408
In North Africa, Vignau, ix. 649 †
Itinerary, General, of, Auvergne, etc.
(*Itinéraire général de la France*), vii. 835 †
Library of the War Department, Cata-
logue of, xi. 636 †
Maps of:— Bonnefont (wall), vi. 173;
Dépôt de la Guerre, i. 745, ii. 203;
des fortifications, ii. 74, 395, 714,
iv. 123; Garnier frères, vii. 264;
Guillemin (relief), v. 175; Guillot
(departments), x. 113; Leuzinger,
ii. 656, vii. 350; Pigeonneau and
Drivet, i. 154; Rand, McNally and
Co. (pocket), xiv. 732; Service Gé-
ographique de l'Armée, xiv. 731, 879;
Service Vicinat, i. 815, ii. 524, iii. 116,
508, 765, iv. 579, 706, v. 435, 683, vi.
873, 486, vii. 198, 246, 350, 621, 834,
viii. 213, 412, 540, ix. 463, 591, 723,
x. 55, 321, 673, xi. 257, xii. 308, 506,
xiv. 507, 812; Vivien de St. Martin,
vi. 358, 753; Vogel, xi. 702

France—continued—

Nautical training in, iv. 301
Navigable rivers, etc., of, map of, vi. 107,
237, ix. 463, 526, xiv. 429; manual
of distances on, ix. 57 †
North-eastern, Hare, xiii. 52 †; map of,
ix. 137
North-east frontier, map of, v. 627
Northern, Baedeker's Handbook for †,
vii. 127, xi. 458; map of, viii. 675
Parishes, etc., of, general dictionary of,
Santini, i. 283
Photographs of, Jackson, xiii. 700, xiv.
664, 816
Population of, Chirvin on, ix. 204, xi.
181; displacement of, influenced by
physical features, i. 117
Railways, map of, i. 117, ii. 203, vi.
1746; Thuillier, v. 627
River basins of, Atlas of, Vuillemin, i.
224, vi. 243
Roof of (Causses of the Lozère), Betham-
Edwards, xii. 243 †
Seaports of, atlas of, i. 540
South-central, Canon of the Tarn, xi. 178
Southern, Baedeker's Handbook for †,
vii. 127, xiii. 238
Statistics, official, of, Levasseur, vii.
616 †
Voyage along the coasts of, Burat, ii.
269 †
Watering places of, map of, i. 154
Waterways of, map of, iii. 765; map of,
i. 154

Franceville, Ogové Region, iii. 359, 485, vi.
48, 512, 622; position of, ix. 189

Francis, F., Saddle and Moca-sin, ix. 461 †

Franciscans, Bibliography of, Civezza, ii.
326 †

Franco, Dr., expedition to Umzeila's
country, v. 33

François, Commandant von, journey in
Togoland, x. 799; to Saluga, xi. 561;
expedition to the River Okavango, xiv.
339

Frankfort-on-Main Geographical Society,
proceedings of, 1886, ix. 56

Frankfort-on-Oder, map of district of, ix.
326

Frank Lawes Mount, height of, xi. 606

Franklin, Capt., letter from, on the
longitude of Parâ, i. 217

Franklin, Sir John, Life of, and the North-
West Passage, A. H. Markham, xiii.
509 †; search expeditions, work of the,
iii. 675, 676; Journal of H.M.S. *Enter-
prise*, Collinson, xii. 182 †; search for the
relics of expedition of, ii. 658, 660; visit
to Lake Athabasca, in 1829, v. 648

Franktown, W. Africa, v. 711, vi. 624, 657

Franz, J., Eisenbahn und Dampfschiff-
routen-Karte von Europa, ii. 395

Franz-Josef, map of, iii. 678;
expeditions to, iv. 38-41; Hovgaard's,
iv. 499; Leigh Smith's, ii. 689, iii. 731;
his discoveries, iii. 131; Second Voyage
to, v. 204 *

- Franzoj, A., *Continentale Nero*, vii. 618 +
 Frasca, M., on the condition of Assab, vii.
 115
 Frazer, J. G., *The Golden Bough*, etc.,
 xii. 708 +; *Totemism*, ix. 783 +
 Frazer river, *British Columbia*, ii. 576;
 salmon fisheries of, xiii. 68
 Fream, Prof. W., *Agricultural Canada*, xi.
 255 +
 Frederickson, A. D., *Ad Orientem*, xi.
 755 +
 Freeman, Dr., exploration in West Africa,
 xii. 666
 Freeman, E. A., the Historical Geography
 of Europe, iii. 375 +; his Services to
 Geography, xiv. 401 *
 Fregeiro, C. L., *Diccionario Geográfico e*
Histórico del Río de La Plata, i. 285 +
 Fremont, Major-General J. C., obituary of,
 xii. 568
 French-Sheldon, Mrs., visit to Kilima-
 njaro and Lake Chala, xiii. 431, 633
 French—
 Alpine Club, *Annual* of, ix. 719 +
 Army Geographical Service Exhibits,
 Paris, 1889, xi. 575 *
 Cartographers, early, xiii. 625
 Colonies:—Atlas of, Meyer, viii. 346;
 Geography of, Historical, etc., Gaf-
 farel, i. 743 +; Illustrated Notices of,
 with Maps +, xii. 642, xiii. 186; map
 of, Levasseur, i. 410; Notices of, for
 Antwerp Exhibition, viii. 346 +; Re-
 sources, etc., of, Bonwick, viii. 603 +;
 Scientific Colonization of, Bordier, vi.
 544 +; Statistical Notes on, vi. 56 +
 Exhibits at Venice Geographical Con-
 gress, iii. 750
 Expeditions, surveys, etc.:—In Africa,
 vi. 588, 589, xii. 378, xiv. 371; *id.*,
 West, i. 353, ii. 42, 628, 690, iv. 46;
 America, Central, ii. 252; Asia, ii.
 252, xiv. 371; Burma, iv. 379; Cape
 Horn, v. 560, 562; Guinea, Upper,
 xiii. 556; Indo-China, iv. 762; Lake
 Chad, xiv. 412; Madagascar, x. 649,
 xiii. 106, xiv. 739; Ogowe, i. 129;
 Senegal, ii. 185, 562, xii. 176, ix. 509;
 Sumatra, iv. 379; Various, iii. 668
 Exploration, Government grants for, vi.
 91
 Geographical Societies, Congress of, i.
 456, xii. 55, vi. 231, xiv. 555
 Government services, geography in, xi.
 179
 Hydrographic charts, i. 158, 414, ii.
 399, iii. 124, 446, 703, iv. 455, v.
 311, 687, vi. 304, vii. 269, 415, 624,
 viii. 288, 678, ix. 329, 727, x. 187,
 612, xi. 260, 322, 379, xii. 192, 575,
 xiii. 312, 698, xiv. 203, 735
 Mission at Cape Lopez, vi. 481; mis-
 sionary expeditions to Central Africa,
 iii. 42
 Possessions in Africa, vi. 615, xii. 656;
 in Madagascar, i. 655, 658; in the
 Red Sea, vii. 107, 108
 French—continued.
 Scientific Mission to Cape Horn, xii. 706 +
 Stations in Africa, v. 43; in Usagura,
 ii. 518; on the Ogowe and Congo, iv.
 510, 511
 The Geographical Society, work of, vi. 234
 Von G. Wende, Deutschlands
 Kolonien, xii. 308 +
 Frere, Mary E. T., *Obituary Notice of Sir*
Bartle Frere, viii. 281 +
 Frere, Sir Bartle, on the proposed African
 overland telegraph, i. 270, 271; on
 Temperate South Africa, iii. 1 *; on the
 Mahatta countries, iv. 479; on the Earl
 of Mayo's journey in West Africa, v.
 471; on Lessar's journey in the Turko-
 man country, v. 21; obituary of, vi. 403
 Frere town, Africa, v. 544
 Freshfield, D. W., editor (in part) of Hints
 to Travellers, xi. 701; Exploration in
 the Caucasus, with Déchy, ix. 617, 767;
 in 1890, xiv. 100 *; Notes on "Mount
 Everest," viii. 176 *; on the Conser-
 vative action of Glaciers, x. 779 *; on
 Col. Tanner's report, vii. 753; obituary
 of A. W. Moore, ix. 200; on Sternberg's
 ascent of Mount Elbruz, xi. 99; on the
 map of Elbruz, etc., xi. 373; on heights
 of peaks in the Maritime Alps, ii. 190;
 on John Ball and the "Alpine Guide,"
 xii. 106; on the accident to Messrs.
 Donkin and Fox, xi. 559; on the iden-
 tification of Mount Everest, xiii. 109;
 on the name of Mount Everest, viii. 38;
 on the pass of Hannibal in the Alps,
 v. 553; Ostern in Afrika, xi. 58 +
 Remarks on papers on:—Alaska, etc.,
 ix. 280, xiii. 85; Western Algeria, viii.
 734; ascents in the Himalayas, vi. 447;
 Asia Minor, vi. 323; the Basardjusi dis-
 trict, xiii. 328; the Caucasus, xi. 369
et seq.; Cilicia Tracheia, xii. 462; geo-
 graphical appliances, viii. 125; geo-
 graphy in its relation to history, viii.
 193, 195; Kilimanjaro, xii. 345;
 meteorological results of the *Challenger*
 expedition, xiii. 156; Mount St. Elias,
 xi. 435; the New Zealand Alps, vi. 67;
 the Pamirs, xiv. 29, 234; scientific
 aspects of geographical education, viii.
 202; the scope and methods of geo-
 graphy, ix. 172; the Selkirk range, xi.
 170
 Remarks on Mr. Stanley, xi. 279, 740,
 xii. 491; on the *Journal of the* *Explorations*,
 1880, ii. 452; on the *Journal of the* *Explorations*,
 Mr. Bates, xiv. 191
 Search and Travel in the Caucasus,
 xii. 257 *; Six Weeks Travel in the
 Central Caucasus, ix. 777 +; Suanetia,
 x. 325 *; the Alpine Notes of Leonardo
 da Vinci, vi. 335 *; the Alpine Pass of
 Hannibal, viii. 638 *; the Peaks, Passes,
 and Glaciers of the Caucasus, x. 677 *;
 the Place of Geography in Education,
 viii. 698 *; Russian Travellers in the
 Caucasus, vii. 597 *

- Frey, Colonel H., *Campagne dans le Haut Sénégal et Niger*, x. 541 †
- Freytag, G., maps by:—Austria-Hungary, xiii. 131; Afghanistan, vii. 411; Balkan Peninsula, viii. 63; Great Glockner group, ii. 656; Lower Austrian and Styrian border range (for tourists), iv. 327, v. 568; West Russia (general and road), viii. 348
- Friday island, New Guinea, v. 517
- Fried, Franz, map of Germany, v. 500
- Friedemann, H., *Schulkarte von Europa*, iv. 456
- Friedrichsen, L., *Die deutschen Seehäfen* †, xii. 433, xiv. 566; *Karte des Handels-Gebiets von West-Aequatorial-Afrika*, i. 286; von Ober Guinea, vii. 352; *Linien gleicher magnetischer Variation* (chart showing), ii. 463
- Friedrich, K., *Die La Plata-Länder*, vi. 426 †
- Friedrich, L., *Post und Eisenbahn-Karte von Deutschland*, etc., i. 411
- Friendly islands, volcanic eruptions in, Baker, viii. 49
- Frislanda, or Faröe islands, v. 725
- Fritsch, G., *Die Eingeborenen Süd-Afrika's*, i. 203 †
- Fritzsche, Dr. H., *Beitrag zur Geographic und Lehre vom Erdmagnetismus*, vii. 556 †
- Fritzsche, M., *Paris Society's medal awarded to*, ix. 255
- Fritzsche, G. E., *Nuovo Atlante Geografico ad uso delle Scuole*, viii. 544, ix. 67, xi. 64
- Frobisher, Joseph, explorations of Lake Athabasca, v. 648, 651
- Frodsham, T., *Track to Macquarie Harbour*, i. 223 †
- Froude, J. A., *Oceana*, viii. 347 †; the English in the West Indies, x. 108 †
- Frozen Soil in the Polar Regions, Report on the Depth of, Lefroy, ix. 769 *
- Fry, H., London, xi. 390 †
- Fuchs, M. Edmond, journey in Indo-China, v. 237
- Fu-Ch'üan Ssu, China, v. 31
- Fuego, volcano of, Guatemala, v. 190, 670
- Fuen-ho river, xii. 60
- Fuentes, Father, travels in Tongking, vii. 255, 256
- Fujiyama mountain, ix. 87
- Fu-khan, Central Asia, xii. 81
- Fulbe tribe, W. Africa, xii. 168, xiii. 469, xiv. 262
- Fulford, H. E., journey in Manchuria, viii. 779, ix. 587 †
- Fu-lin, China, xiii. 334
- Fullerton, Lieut., journey through Harar, vii. 121
- Fundacion, Rio, or San Sebastian, S. America, iii. 720
- Fungo, E. Africa, iv. 732
- Fungs, or Funs, of Beni Amer, xiv. 548
- Furufjord glacier, Iceland, x. 307
- Fues, V., *Results of the Siberian Leveling*, 1875, 1876, viii. 61 †
- Futa Jallon, Across, E. Noiroi, vii. 55 †; Bayol's journey to, etc., etc., of, iv. 178; From the Niger, Sanderval, iv. 182 †
- Fwambo, Central Africa, xii. 737
- Fyfe, L. R., and Sinclair, A. C., Jamaica, vii. 768 †
- Fylla, expedition to Greenland, viii. 724
- Fytsche, General A., obituary of, xiv. 476

G

- Gaabarta Lake, E. Africa, vii. 459
- Gabardai race, Asia Minor, vi. 314
- Gabelentz, Prof. G. von der, the Languages of Melanesia, ix. 59 †
- Gabés, town of, N. Africa, iv. 634; Gulf of, xii. 625
- Gabun, Crampel's journey into the interior of, xi. 437; early explorations in, iii. 684; French territory of, xii. 660; area of the same, vi. 622; map of the Colony of, xiii. 62
- Gadibursi tribe, Somaliland, ii. 630
- Gaebler, Ed., *Deutsche Kolonialkarte von Afrika*, xii. 310; *Special Atlas der hochmontanen Gegenden und Städte*, iv. 456, 584; *Wandkarte der Oestlichen und Westlichen Erdhälfte*, x. 55
- Gaffard, Prof., on the journeys of the Corte Real family, xiii. 43
- Gaffarel, Paul, *L'Algérie, Histoire, Conquête et Colonisation*, v. 112 †; *Les Colonies Françaises* †, i. 743, xi. 397
- Gaillard, M., *Journeys in the Congo Region*, xiv. 720
- Gakbo river, Tibet, vii. 316
- Gakuch, xiv. 27
- Galai Koh range, vii. 164
- Galapagos Islands, v. 354; discovery of, O. R. Markham on, xiv. 314; fauna and flora of, ii. 755; visit to, A. H. Markham, ii. 654, 742 †; *id.*, Wolf, ii. 325 †
- Galcha tribe, Central Asia, ii. 765, vi. 492
- Galiano, P. A., *Memoria Sobre Santa Cruz de Mar Pequeña*, etc., i. 405 †
- Galignani's Traveller's Guide through France, x. 745 †
- Galindo, Col., description of vault in the ruins of Copan, viii. 585
- Galla Country—area and population of states of, vii. 104; Borelli's explorations in, x. 451, xi. 560; Masai attack on an English mission station in the, viii. 525; Southern, fourth journey to, Wakefield, i. 684, iv. 368; Stecker's journey in, map of, Fritzsche, xiii. 696
- Galla tribe, iii. 588, xii. 134, xiv. 521, 522, 820; graves at Sa'du-d-din island, vii. 696
- Gallego, Hermandad, xii. 401
- Gallegos river, Patagonia, ix. 513
- Gallonga, A., South America, ii. 783 †

- Gallieni, Lieut.-Col., expedition from the Senegal to the Niger, ii. 185, 562, iii. 176, 311, 364, 502; work on the Niger, v. 36; medal awarded to, by Paris Society, v. 358; Mission d'Exploration du Haut-Niger, vii. 196†; survey between the Senegal and Gambia, ix. 456
- Gallinas river, Sierra Leone, xiv. 434
- Gallonée, Prof. L., La Sologne, xiv. 722†
- Gallrut Glaciers, Alps, xiv. 468
- Galloway, Capt. H. A., explorations on the Oil Rivers, xiv. 322
- Galodnaya steppe, Turkistan, xiii. 24
- Galton, Francis, Narrative of an Explorer in Tropical South Africa, etc., xi. 751†
- Obituary of Rev. G. Butter, xii. 236; on chairs of geography at the Universities, i. 339; on the exhibition of geographical appliances, viii. 54; on isochronic maps, etc., etc., etc., 557; on schools, etc., etc., etc., prizes, i. 468, iii. 434, iv. 434, v. 422, 423, x. 468; on winds of the S. African plateau, ii. 135; remarks after papers on — the alpine regions of Alaska, ix. 285; Central Africa (Junker), ix. 417; Central South Africa, ii. 182; Congo river, v. 711; the river Ounéné, v. 470; geographical appliances, viii. 121; geographical education, viii. 120; geographical evolution, i. 443; Gold Coast, iv. 506; journeys between Quillimane and Blantyre, vii. 190; the Masai country, vi. 711; meteorological results of the Challenger expedition, xiii. 155; the Rovuma river, iv. 88; the scope and methods of geography, ix. 165; reminiscence of Mr. Bates, xv. 255; the equipment of exploring expeditions now and fifty years ago, iii. 608
- Galton, Sir Douglas, remarks on the state of Ordnance survey maps, xii. 683
- Garrage, W. F. Africa, xii. 168
- Garnier, J. B., Carter, ix. 240; French possessions in the basin of, xii. 656; map of Gouldsbury's expedition to, iv. 581; the Anglo-French boundary on the, xiii. 609
- Gambino, G., Popolarità e Diffusione degli Studi Geografici, etc., ix. 783†
- Gamble, J. S., catalogue of printed books, etc., relating to Africa. Part II. Climate and Meteorology, ix. 320†; Altitudes of Places in South Africa, ix. 320†
- Gambos Fort, South-west Africa, v. 464
- Gamel, Augustin, v. 603, 660; provides funds for Hovgaard's expedition, v. 378
- Gamwell, S. C., Official Guide and Handbook to Swansae, ii. 654†
- Gan, K., Izvestiya drevnikh Grecheskikh i Rimskikh pisatelei o Kavkazé, xiii. 734†
- Gamboua river, Senegal, v. 298
- Gancedo, A., Memoria descriptiva de la Provincia de Santiago del Estero, viii. 407†
- Ganehū, river Congo, v. 577
- Gand (Ghent), plau of, Kips, ix. 326
- Gandak river, India, xiii. 419
- Ganges river, xiii. 280
- Gannett, Porter, and Jones, Messrs., the West: from the Census of 1880, iv. 325†
- Gannett, Prof. H., altitudes in the United States, vii. 543; on the influence of forests on rainfall, x. 98, xi. 43; on the distribution of population in the United States according to rainfall and altitude respectively, xiii. 230, 612; on the mother maps of the United States, xiv. 459
- Ganzenmüller, K., Tibet, i. 77†
- Gara tribe, Arabia, viii. 100
- Garangar, G., expedition to Upper Burma, iv. 379
- Gara-su gorge, Caucasus, xiv. 113
- Gara Tau pass, Caucasus, vii. 599 note.
- Garbatous mountain, Ptolemy's position of, xiii. 544
- Garceau, Golfe du Tong-kin, map of, iv. 450
- Garde, Lieut., Danish expedition to Greenland, vi. 538, vii. 385
- Gardiner, Capt. A. F., Journey to the Zoolu Country, i. 203†
- Gardner, C. T., on the course of the Sanpo, iv. 272; report on Manchuria, vii. 745; on Shantung Province, ii. 635
- Gardner, J. T., on the New York State survey, i. 596
- Garenganze, or Katanga country, xi. 76; Journey to, Sharpe, xiv. 36*; expedition to, Arnot, xi. 65*, xii. 687, xiii. 688; Pioneer Mission Work in, *id.*, xi. 253†
- Garger river, barrier to the, xiii. 594
- Garmatze, Tiber, Arctic region, vi. 223
- Garmatze, Tiber, Arctic region, making through the, v. 6
- Garm Dush valley, Persia, v. 76
- Garmsil region, i. 196
- Garmist, wind of Turkistan, iii. 726
- Garna, village, Benue river, xiii. 465
- Garnak, H. B. W., Archaeological Tour in the Panjáb and Rājputāna, 1883–84, x. 473†
- Garnier, Fr., De Paris au Tibet, iv. 574†
- Garnier, Jules, on aerial formations of soil, viii. 52
- Garnier, M., explorations in New Caledonia, i. 74
- Garro hills, Assam, v. 617, 619, 620
- Garrett, G. H., Sierra Leone and the Interior, etc., xiv. 433*; award of Gill Memorial to, xiv. 316
- Garsippa Falls, S. India, viii. 684, x. 310
- Garson, Dr. J. G., on lands still available for European settlement, xiii. 34
- Gárthok, Tibet, vii. 75
- Gascoyne river, Upper, Explorations on, Favenc, xi. 492*
- Gasietsise country, population and extent of, i. 711
- Gastaldo's map of Italy, xiii. 621, 622

Gasûs, Wadi, Ancient Inscriptions in, Schweinfurth, viii. 601 †
 Gauler, C. P., river named after, Athabasca, v. 648
 Gaul, ancient, map of, Malte-Brun on, i. 279; General Bibliography of, Ruelle, ii. 389 †
 Gaultier, J., carte murale de l'Algérie et de la Tunisie, Cuénot, ix. 724; de l'Europe, vi. 173
 Gaurisankar, bearings of, viii. 258, xiii. 109
 Gauthier, M., journey on the Upper Mekong, x. 597
 Gautliot, M., on emigration to Canada, xi. 556; expedition to the Tunuc-Humac range, xi. 48
 Gautier, Lieut. A., journey in Cochin China, iv. 386, 437, 438, 564
 Gavarette, J., Carta de la America Central, iii. 512; de la República de Guatemala, iii. 512
 Gavmâsâ-rûd or Kara Châi river, Persia, x. 626 *note*.
 Gawa Island, New Guinea, xiv. 415
 Gawars, Turkistan, iv. 489, v. 2
 Gâwele tribe, E. Africa, vi. 264
 Gawler, Colonel J. C., obituary of, v. 388
 Gazaland, journey through, Doyle, xiii. 588*; *id.*, Jameson, xiii. 362; through, Gillmore, xii. 437 †
 Gaza tribe, xii. 351, 352
 Gazelle peninsula, New Britain, v. 511; natives of, xii. 238
Gazelle, The, deep-sea soundings of, viii. 333, 334; Forschungsreise, 1874 bis 1876, xiii. 131 †
 Gazer Gah, shrine of, viii. 147
 Gaz-Kul lake, xiv. 51, 124, 784
 Gbenma and Soro countries, inhabitants of, xiv. 434
 Gbome, W. Africa, vii. 380
 Geary, G., Burma after the Conquest, etc., viii. 600 †; through Asia Minor, Turkey, i. 77
 Gebi, in the Caucasus, x. 692
 Gebi, in the Caucasus, vii. 598 *note*; (and Gurdiveks), x. 693
 Gebren Su valley, Asia Minor, x. 160, 161
 Gedge, E., Journey with Jackson to Uganda, vii. 191*; photographs of M. A. L. G., xiv. 140; on the Victoria Nile, xiv. 322; Captain Dundas's Voyage up the River Tana, xiv. 513*
 Geelvink bay, New Britain, v. 516, vi. 203, 209; islands of, vii. 175, 176
 Geer, Baron G. de, geological expedition of, v. 107
 Geiger, Dr. Wilhelm, Die Pamir-Gebiete, x. 111, 254 †
 Geizer, J. L., obituary of, vi. 380
 Geikie, Prof. A., Geographical Evolution, i. 422*; Text-book of Geology, vii. 556 †; on geology in relation to geography, ix. 146, 147; the Scenery of Scotland, viewed in connection with its Physical Geology, ix. 710 †; Elementary Geography of the British Isles, x. 394 †

Geikie, Prof. J., the Geographical Development of Coast-lines, xiv. 639*
 Geikie glacier, Selkirk range, xi. 160, 163
 Geiseler, Commander, Easter Island, v. 371 †
 Gela peak, Himalayas, viii. 188
 Gelich, Prof. E., Die Materialien zur Vorjumbischen Geschichte Amerikas, xii. 438 †; Entdeckungsreisen unternommen um die Nordwestküste Amerikas zu erforschen, xiv. 728 †; Studien zur Geschichte der Mathematischen Geographie, vii. 556 †
 Gele, Capt. van. *See* Van Gele.
 Geli, E. Africa, v. 717; latitude of, vi. 257
 Geloger, Persia, v. 140
 General Villagas (Bariloche), pass v. 722
 Genest, P. M. A., Carte de la Nouvelle France, i. 157
 Geneva, canton of, geological map of, Favre, i. 612
 Geneva, lake of, depth of, ix. 686; Forel's work on, ix. 258 †
 Genève, Mont, Alps, viii. 642, 644
 Genoa, Duke of, Voyage to Japan and Siberia, vii. 404 †
 Genoa, Geographical Congress at, 1892, proceedings of, xiv. 785
 Gensan, Korea, new port of, ii. 700; road from, to Soul, viii. 306
 Geodesy, Astronomische Langenbestimmung, K. K. Grudmessungs-Bureau, on, Clarke, ii. 462 †; *id.*, Gore, xiv. 197 †
 Geodetic Association, International, publications of †, ix. 524, x. 807, xi. 436, xiii. 59, 638; Institute. Royal Prussian, proceedings of, x. 47, 480, xi. 52, 191, 463, xiii. 187, 638; work in India, vii. 638
 Geographical—
 Almanac, German, Miessler, vi. 607 †
 Annual, Maunoir and Duveyrier, i. 346 †
 Bibliographies—in the Berlin Society's *Zeitschrift*, vii. 343, viii. 193; list of, Jackson, iii. 638 †; propo-ed, vii. 387
 Conferences at Pau and Lille, xiv. 556
 Conference, German, v. 43, xi. 251, 387; *id.*, v. 43, xi. 251, 387
 Conference, German (1881), iii. 235, 567, 745, 746, 749; report on, Baird, iii. 749; Paris (1889)*, x. 477, xi. 178, 250, 506, 559; report on, Morgan, xi. 552*, 601*; Berne (1891), xii. 755, xiii. 483, 558; account of, xiv. 577 †; London, committee for, xiv. 177; Italian (1892), xiv. 785
 Department, British Museum, report on, Major, i. 395, ii. 437
 Discoveries, early, Ruge's history of, iv. 704 †; summary of, x. 206, *et seq.*
 Distribution of living forms, the, iii. 597
 Documents preserved in French National Library, selection from, v. 120 †
 Education. *See below*, p. 89
 Etymology, Blackie, ix. 783 †; Etymological Dictionary, Thomas, ix. 324 †

Geographical—continued—

- Evolution, A. Geikie, i. 422 *
- Exhibitions—Berne (1891), xiii. 615 ;
 Brest, v. 429, 430 ; Danish (1882), iv.
 424 ; Douai (1883), v. 427 ; Moscow
 (1892), xiv. 407 ; Nantes, viii. 270 ;
 New York (1891), xii. 755 ; Venice
 (1881), iii. 745-747, 749
- Illustrations, school-room chart of,
 Murby, iv. 456
- Inspector, appointment of, vi. 403
- Institutions, German, meeting of repre-
 sentatives of, 1881, iii. 439
- Lectureship, S. G. S.,
 Magazine, ... 177 ; New
 American, xii. 755
- Names, Foreign, Transcription and Pro-
 nunciation of, De Luze, v. 567 f ;
 orthography of, xiii. 615, xiv. 47, 116,
 118 ; Dalton on, xiv. 770 ; system of,
 R. G. S., vii. 535 ; *id.* French, viii.
 790 ; in German Protectorates, xiv.
 771
- Periodical, Colin & Co.'s new, xiii. 689
- Professorships at Oxford and Cambridge,
 memorial on, i. 261 ; in Europe,
 Wagner's report on, xi. 42
- Provinces, Bastian on, ix. 322
- Readers, Hughes' Picturesque, Langler,
 x. 256 f
- Serial, new, Penck's Geographische
 Anzeiger, viii. 725
- See ... K. Johns on f, viii.
 182, xii. 60
- Societies, French, congress of, 1879, i.
 456 ; New, American, x. 168, Berlin,
 i. 182, Liverpool, xiv. 49 ; of the
 world, Behm on, i. 213 ; Wichmann
 on, xiv. 235 ; increase of, vi. 666, 688 ;
 Wagner on, xi. 42 ; year-book of,
 Dreyfus and Lacy, i. 457 f
- Statistical Dictionary, Ritter's, edit.
 Lagai, iv. 774 f
- Terminology, De Luze on, iii. 55, 56 ;
 Mackinder on, x. 732
- Text Book, Greek, xi. 193 f
- Year-book, Behm, i. 346 f, iii. 249 ;
 Wagner, vii. 264, viii. 281, ix. 394,
 xi. 191, 518, xiii. 189, xiv. 344
- Geographical Education** [*see also Geo-
 graphy*]
 Aims and methods, Ravenstein, viii. 11
- Appliances used in exhibition of, Lon-
 don, 1885, vii. 513, 815 ; expenditure
 on, viii. 463 ; Keltie on, vii. 759 ;
 lectures and discussions on, viii. 116,
 121, 193, 198 ; report on, viii. 52 ;
 results of, viii. 417-421 ; at the Man-
 chester and Scottish Societies, viii.
 271, 338 ; at Bradford, viii. 724 ; on
 view at Savile Row, ix. 764
- British Association Committee on, xi.
 120
- Elementary, improvement in, vii. 465
- Incompleteness of, in England, viii. 420
- In elementary schools, R. G. S.'s prizes
 for the improvement of, ix. 757

Geographical Education—continued—

- In Germany, progress of, ix. 250
- In India, Odgers on, ix. 687
- In Portugal, De Mello on, x. 651
- In training colleges and elementary
 schools, Oakley and Fitch on, x. 297
- Lectures to be given by the R. G. S.,
 xiv. 47
- Lehmann, Dr., on, vii. 673
- Manchester Society's inquiries on, result
 of, viii. 338
- Measures adopted by R. G. S., viii. 527
- On the scientific aspects of, by Prof. H.
 N. Moseley, viii. 198
- Pictorial aids to teaching, Butler, ii. 619
- Prizes to students of training colleges,
 x. 234, 468, xi. 239, xii. 236, xiii. 231,
 xiv. 235
- Progress of, xii. 383 ; in England, Kel-
 tie, xiii. 629 ; at Oxford, Mackinder
 on, x. 531, xi. 502, 737, xii. 419, xiii.
 428, xiv. 398 ; at Cambridge, Brachman
 on, xiii. 428, xiv. 400, 491
- Work of the R. G. S. in the interests of,
 xiv. 361, 362
- Geography—**
- Aide-mémoire du Voyageur, Kaltbrun-
 ner, 63 f
- Aims and Uses of, C. R. Markham on, i.
 602 *
- Ancient, compendium of, Ki pert, i.
 152 f ; manual of, *id.*, iii. 250 f
- And astronomy, relations between, x.
 151
- Annual Supplement to Cartography and,
 Schrader, xiii. 699 f
- Applied, Keltie, xiii. 60 f
- Artistic, Ménard, ii. 713 f
- Atlas of, Introduction to, Jomard, i. 409 f
- At the Brussels Exhibition, ix. 764
- At the Universities, committee for pro-
 moting the study of, viii. 740
- Celestial photography as a handmaid
 to, Schlichter, xiv. 714
- Class Book of, Clarke, xi. 517 f
- Colonial, Paris Chair of, xiv. 554
- Commercial, Atlas of, Bartholomew, xiii.
 125 ; *id.*, Hastings (statistical), ix.
 790 ; Berlin Society of, i. 132, ii.
 191 ; German Society for, iv. 171 ;
 International Congress of, Paris, 1878,
 i. 74, 520 ; report of, iii. 507 f ; Lec-
 tures on, notes of, Casartelli, vii. 696 f ;
 the physical basis of, Mill on, xi. 625 ;
 works on:—Chisholm f, xi. 635, xii.
 439, xiv. 505 ; Mill, xi. 122 f ; Murray,
 ix. 652 f ; Zehden, xi. 398 f
- Comparative, xi. 397 f ; Summary of,
 Vogel, ii. 523 f
- Compendium of, Daniel, i. 151 f ; Guthe,
 ii. 271 f ; Sonklar, ii. 394 f
- Contemporary History and, Ducoudray,
 i. 151 f
- Cyclopædia (Library) of, Bryce and
 Johnston, iii. 63 f
- Dictionary of Universal, V. de St.
 Martin, i. 347 f

Geography
 of, xi. 43
 Elementary, Clyde, xiv. 875 †
 Field of, Cora on, viii. 337; Ravenstein on, xiii. 617 *
 For Schools, Hughes, Part I., Practical, x. 112 †
 Freeman, Prof., and his services to, xiv. 401
 (General. Class-book of, Mill †, xi. 576, xiv. 730; Text-book of, Daniel, i. 151 †; *id.*, Fonein, x. 111 †; works on, Herz, i. 396 †, Philippoff, xiii. 130 †
 Handbook of, Daniel, iii. 507 †
 Historical, French Professorship of, xiv. 403
 History, etc., of, De Luca, iii. 697 †; reports etc., on, Ruge, xi. 192 †
 In Education, the Place of, Freshfield on, viii. 698 *
 In its relation to History, Bryce on, viii. 193
 In the French Government services, xi. 179
 Lectures on, establishment of, at the Universities, proposed, ix. 188, 333, 334; decided on, at Oxford, ix. 239, 254; appointment of Mr. Buchanan (Cambridge), xi. 374; of Mr. Oldham (Manchester), xiv. 316
 Lectures on, at Cambridge, Strachey*, x. 146, 205, 220, 275
 Mathematical, handbook of, Günther, xii. 708 †; History of (and physical), Studies on, *id.*, i. 409 †; maps illustrating, Steinhäuser, iv. 192
 Modern, atlases of. *See* Atlases.
 Modern, Class-book of, Hughes and Williams, xiv. 577 †; manual of, Lawson †, i. 346, ii. 202; *id.*, Richardson, ii. 783 †
 National Institute of, at Brussels, v. 297
 Object lessons in, Ravenstein, vi. 674
 Of the Air, Greely, xiii. 638 †; of the Land, Ogden, *ib.* †
 Physical, comparative, in its bearings on the History of Man, Guyot, xi. 192 †
 Physical, Günther, xiv. 198 †; Klein, ii. 733 †; Lewi, ii. 202 †; Quackenbos, x. 398 †; Eclectic, Hinman, x. 691; meteorological results of the *Challenger*, in relation to, Brown, x. 147. Popular Treatise on, Brown, x. 318 †; Six Lectures on, Houghton, ii. 394 †
 Physical, Historical, etc., K. Johnston, ii. 326 †
 Progress of, Hooker on, iii. 595 *
 Realistic Elementary, Baker, xi. 517 †
 Recognition of, Heyes, x. 53 †
 Relation of Topography to, Drapcyron on, xiv. 703
 School, Clyde, xii. 307 †
 Scientific, Journal of, edit. Kettler, ix. 263 †

Germany
 of, Mackinder, ix. 141 *
 Studies in, and Natural History, Teichschef, xiii. 188 †
 Study of, Cora on, viii. 131 †; prize for the improvement of the, iii. 608; in school, Stauber, x. 399 †
 Teaching of, Hirschfeld on, xiii. 434; Jolly on, ix. 651 †; Rheam on, ix. 121; Warren on, ix. 629 *; at the Universities, ix. 698; in Russia, Mill, xii. 669
 Universal, Kirchhoff, ix. 653 †; *id.*, Reclus, edit., Ravenstein and Keane, x. 319 †
 Uses and Study of, viii. 656 *
 Zeitschrift für wissenschaftliche G., ii. 143 †
 Geok Chelar Hill, Afghanistan, vii. 571
 Geok-tepeh, town of, i. 185, iv. 219, v. 1, 13; railway station at, xi. 283
Geological—
 Congress, International, fourth meeting, x. 40; reports of the, x. 807 †
 Field Class, Excursions round London, Seeley, xi. 192 †
 Folds, xiv. 691
 History. Sketch of, Hull, x. 255 †
 Mechanism, Wilson, xii. 366 †
 Researches in N. E. Siberia, 1890, Obutcheff, xiii. 506 †
 Society of London, address at, Feb., 1886, Bonney, viii. 603
 Survey maps, i. 156, 411, 541, 613, 748, ii. 204, 329, 717, 748
 Survey of United States, Tenth Annual Report, xiv. 342 †
 Surveys of Europe, National, Topley, viii. 402 †
 Text-book, Geikie, vii. 556 †
 Times, Later, Climatic Changes of, Whitney, v. 114 †
 Geophysics, Contributions to, Gerland, x. 111 †
 George, Capt. C., obituary of, ix. 126
 George, Rev. H. B., on geographical education, viii. 118, 715
 Georgetown, British Guiana, xiii. 567
 Georgia Island, South, Dr. Schrader's observations on, vi. 663
 Georgia, Kingdom of, Wardrop, x. 807 †
 Gerard, E., the Land Beyond the Forest (Transylvania), x. 311 †
 Gerard's old map of Russia, Stebnitsky on, xii. 50
 Gerger or Kaisir Band stream, v. 155
 Gergir, S. W. Persia, xii. 535, 543, 548
 Gerland, Dr., Beiträge zur Geophysik, x. 111 †
 Gerloguby, Somaliland, wells of, vii. 630, 631
German—
 African Society, dissolution of, xi. 562
 African Society's expeditions in W. Africa, i. 145, 341, 535, 536, ii. 413, 777, 778, iv. 106, 678; in the basin of the Niger, v. 551

Germany, German Empire—continued—

- And English territories in E. Africa, new boundaries of, ix. 188
 Annexation on the West Coast of Africa, vii. 183; in E. Africa, vii. 239
 Antarctic expedition, x. 712
 Cartographers, early, xiii. 623, 624
 Census of 1885, results of the, viii. 102, 270, 398, ix. 53
 Colonial Congress at Berlin, viii. 746; F. Y k of, xi. 518 †; K x. 181 †; map, Kettler, xii. 55; society, organ of, viii. 193; mission of, to Usugara, vii. 393, 399; Yearbook, xii. 308 †
 Colonies, works on, Frenzel and Wende, xii. 308 †; Jung, viii. 539 †
 Exhibits at the Venice Geographical Congress, iii. 752
 Expeditions and explorations, in Africa, i. 2, 360, viii. 722, xi. 375, xii. 378, xiv. 371; East Africa, iii. 186, iv. 105, 570, 572, vi. 88, vii. 540, ix. 47; S. W. Africa, viii. 595; Angra Pequena, vi. 475; West Central Africa, v. 381; Cameroons, x. 648; Congo, viii. 430, 615, 634*; Indian Archipelago, xi. 505; New Guinea, viii. 101, 269, 719, x. 33, 34, 241, 591, 600, xi. 177, 607; Togoland, x. 799; Xingu river, vii. 517
 Frontiers—with France, map of, ix. 463, xiv. 663; with Austria and Russia, map of, x. 400
 Geographical Almanac, Miessler, vi. 607 †
 Geographical Congress, iii. 439, v. 43, vii. 248, viii. 473, ix. 310, xi. 251, 387; Proceedings of †, xii. 365, xiv. 198; society, new, at Greifswald, v. 721
 Harbours, Friederichsen, ix. 566 †
 Hydrographic charts, ii. 400, 719, vii. 702
 Lands and Peoples, Investigations on, edit. Lehmann and Kirehhoff, x. 668 †
 Meteorological Yearbook 1887, xi. 636 †
 Missionary Society for East Africa, ix. 496
 Naturalists, Congress of, viii. 797, xii. 425
 Plankton expedition, Krummel on, xii. 115
 Polar meteorological expedition, iv. 224, 293, 569
 Possessions in Africa, xii. 658, 659
 Protectorates, rules for the orthography of geographical names in, xiv. 771, 776
 Voyages on, Macdonell,
 Society for commercial geography, iv. 171
 Togolar
 Watercourses, map of, x. 183
 Germans, distribution of, in Europe, map of, Kiepert, ix. 786
Germany, German Empire—
 Geographical education in, viii. 704, 705, 710, ix. 250
 Geology of (and adjoining countries), Lepsius, x. 803 †
 Historico-Geographical Dictionary of, in the Middle Ages, Oesterley, iii. 246 †
 Lexicon of, Neumann, v. 498 †
 Maps of:—general, iii. 117; Bauer and Lerth, viii. 213; Fried, v. 500; Perthes, xii. 440; Rand, McNally and Co., xiv. 663; Vogel, xiii. 641, xiv. 429; Wagner, v. 183; Geological (wall), Hirschwald, i. 348; Government, Bavarian section, xiii. 377; Prussia (q. v.), ii. 656, iii. 508, 765, iv. 123, 185, 519, v. 51, 183, 683, vi. 106, 611, 753, vii. 697, viii. 284, 412, 478, 605, 751, ix. 63, 265, 326, 463, 591, x. 112, 321, 673, xi. 125, 321, 464, 520, 756, xii. 187, 308, 573, 709, xiii. 60, 190, 510, 744, xiv. 65, 268, 579, 812; Würtemberg, xi. 637; Saxony, ii. 396, x. 400; *Miscellaneous* (Oro-hydrographical and railway), Möhl, viii. 284; (post and railway, travelling), Friedrich, i. 410; Hundtke, ii. 396, xii. 440; Vogel, vi. 303; (railway), ix. 463; Schulz, vi. 106; Wulseck, ii. 144; (road), xi. 637; Wall, Algermissen, vii. 496; Bamberg, v. 56; Kiepert, ii. 143, vi. 244; Petermann, ii. 272, v. 183; Waldermann, viii. 680
 Nautical training in, iv. 301
 Northern, Baedeker's Handbook for Travellers, viii. 533 †; Flora of, during the Middle Ages, Krause, xiv. 800; map of, xiv. 812, 866 †
 Profile through, and the Alps, ix. 395
 Rivers of, Statistics of the German Empire, xiv. 131 †
 South, and Austria, Murray's Handbook for Travellers, viii. 212 †
 Western, iron-ore fields of, map, ix. 326
 Gerreh, mount, South Persia, v. 146, 148
 Gerra, or El Katif, Arabia, xii. 13
 Gerrit Denys island, ix. 7
 Gerritz, H., Tracts on the N.E. and N.W. Passages, i. 152 †
 Gers, general atlas of, iii. 508
 Gersappa waterfalls, vii. 722
 Gerster, R., Carte du Canal de Corinthe, iv. 578
 Gertrude, Cape, Franz-Josef Land, v. 216
 Gesäuse, topographical map, xiv. 136
 Gesbeld, iii. 95
 Gessi Pass, R. Anni nel Sudan, by F. Gessi, xiii. 441 †; Eng. translation, xiv. 341 †
 Gessir island, Malay archipelago, vi. 115
 Gestola, mount, ix. 767, xii. 284, xiv. 111
 Geulde, latitude of, x. 162
 Gezirek Pass, Caucasus, x. 692
 Ghainshé, Tibet, ix. 747
 Ghand river, Turkestan, vi. 502 and note.
 Ghardaia, Algeria, ix. 360
 Gharsbi-n, Central Asia, vii. 288
 Ghâts of id., western, iv. 458; in, iv. 478
 Ghazal river. See Bahr-el-Ghazal.

- Ghazni, plan of, ii. 77; road to, i. 621; routes from, to Kurram, ii. 564; river of, i. 198
- Ghent. *See* Gand.
- Ghilan, forests of, viii. 721
- Ghilzai tribe, Afghanistan, i. 200, 642
- Ghogzai stream, Afghanistan, i. 618
- Ghor, ancient kingdom and inhabitants of, i. 194
- Ghorband, valley, Hindu Kush, i. 115, 116
- Ghunzai river, Afghanistan, i. 619
- Ghuzor Turkomans, the, v. 15, *note*
- Ghwalari pass, i. 52
- Glama Nu Chu river, vii. 75, 76, 82. *See also* l.u.
- Giants' Kop, Drakensberg, Seton-Karr's visit to, xi. 678
- Gibbins, H. de B., History of Commerce in Europe. xiii. 571 †
- Gibbon, Lieutenant, explorer of the Chiparé river, v. 343
- Gibbs, E. J., England and South Africa, xii. 121 †
- Gibert, Ed., on ruins of Copan, viii. 670
- Gibliah fortress, Bahrain islands, xii. 10
- Gibraltar, monkeys of the rock of, iv. 636; popular history of, Gilbard. iv. 440 †
- Gibson, Dr. J., analyses of North Sea water, xiv. 628; Great Waterfalls, Cataracts, and Geysers, ix. 523 †
- Giegler, Mr., on the proposed African overland telegraph, i. 269
- Giese, Dr., meteorological expedition to Cumberland Sound, iv. 293
- Giesecke, H., murder of, in Central Africa, ix. 417
- Giglioli, Prof. E. H., Avifauna Italica, viii. 603 †; Italian explorers in New Guinea, i. 732; Notizie sui Danakil, vii. 618 † risultati della Inchiesta Ornitologica in Italia, xi. 508 †; Il Dr. Finckh alla N. Guinea, xi. 630 †
- Gila deserts, California, xiv. 180
- Gi La pass, Tibet, vii. 73
- Gilbert, G. K., on topographic maps of the geological survey, x. 734; survey of the Henry mountains, South Utah, i. 797
- Gilbert or Kingsmill islands, viii. 552, 555; note on the, vi. 665
- Gilder, W. H., explorations in the Arctic regions, ix. 246; Ice-Pack and Tundra, v. 367 †; Scientific Search (quest of the Central Arctic), v. 248 †
- Gilead, Land of, Oliphant, iii. 60 †
- Gilett, M., height of Tetnold, vii. 598
- Giles, Ernest, medal awarded to, ii. 311, 446; Journal of a Forgotten Expedition, ii. 712 †; journey across Western Australia, ix. 694, 695; Australia twice-traversed, xii. 249 †
- Giles, Pearce, True Source of the Mississippi, ix. 262, 716 †
- Giles, R. W., receives medal for Mr. Ernest Giles, ii. 449
- Gilgit, map of (and Chitral), Tanner, iii. 313; mission to, Lockhart, vii. 541;
- Gilgit—continued—
routes near, Biddulph, iv. 548; route to, *via* the Indus, xiv. 705; survey of, xiii. 412; *id.* Turner, ii. 433, 697
- Gilgit Dareyl rang, xiii. 407
- Gill, David, on proposed survey of Southern Africa, ii. 185
- Gill, J., Bibliography of South Africa, viii. 603 †
- Gill, Mrs., Six Months in Ascension, i. 223 †
- Gill, Capt. W., medal awarded to, i. 399, 466; remarks on the road to Merv, i. 189; on the Turkoman country, iii. 545; the River of Golden Sand (China, etc.), ii. 200 †, condensed by Baber, vi. 99 †; on the Lintze-kiang river, v. 664; death of, Aberdare and Northbrook on, iv. 757, 760; memorial fund presented by Miss Gill, viii. 328
- Gill, W. Wyatt, Jottings from the Pacific, vii. 832 †
- Gillett, Mr., explorations in Western Australia, xiv. 243
- Gillies, mount, Owen Stanley range, height of, xi. 606, xii. 217
- Gillmore, P., Through Gazaland, etc., xii. 437 †
- Gilmore, Rev. James, Among the Mongols, v. 367 †; his Diaries, etc., Lovett, xiv. 578 †
- Gilyaks of Siberia, ii. 644
- Gina village, viii. 323, 324
- Ginda, xiv. 707
- Gipmochi, mount, Sikkim, iii. 335
- Girard, B., Souvenirs of an Expedition to Tunis, v. 678 †
- Girard, Dr. C., Published Writings of, Goode, xiv. 572 †
- Girard, J., Études de géographie littorale, xiv. 730 †; on changes of level in the Scandinavian peninsula, vii. 542
- Giraud, Lieut., expedition in E. Africa, v. 238, 428, 690, vi. 231, 232, 234, 285, 295, 341, 377, vii. 50, 120, 193, 240, 251, 252, 332 †, 603 †; award of Paris Society's medal to, vii. 393, 547; Les Lacs de l'Afrique Équatoriale, xii. 361 †
- Giraul river, West Africa, x. 448
- Girishk, Afghanistan, i. 196, 728, ii. 548
- Giriyama route, xii. 129
- Gironde, General Statistics, etc., of the Department of, Férét, i. 282 †
- Gisborne, W., New Zealand, its History, etc., xi. 190 †
- Gissing, Commander C. E., excursion in the neighbourhood of Mombasa, vi. 343; Journey from Mombasa to Mounts Ndara and Kasigao, vi. 551 †
- Giulikh peak, Caucasus, xii. 267, xiv. 100
- Glacial catastrophe in Savoy, xiv. 550; Epoch, Influence of, on the Earth's Surface, Drygalski, ix. 720 †; Geology the Present Standing of, Haas, vii. 556 †; Sand Plains, Structure and Origin of, Davis, xii. 708 †; streams, sudden floods of, xiii. 71, 85

- Glacier bay, Alaska, ix. 118; circle, Selkirk range, xiii. 533; movements, Hall on, xiv. 455; *id.*, observations of, Déchy on, xiv. 455; oscillations in the Alps, xiii. 683, 684
 Glaciers, Conservative Action of, Freshfield, x. 779*; Handbook to the Science of, Heim, vii. 347†; of Mount St. Elias, Russell on, xiv. 325; of the Caucasus, Freshfield, x. 677*; of the Himalayas, xiii. 409, 410
 Glazman, G., on depth of frozen soil at York factory, ix. 772
 Gladstone, Dr. J. H., on geographical appliances, viii. 123
 Glagolet, M., expedition in Bokhara, ix. 434
 Glaisher, Mr., journey on the Berbice river and Wieroonie creek, vii. 613
 Glamujokull glacier, Iceland, x. 307
 Glaser, Ed., journeys in Arabia, ii. 113; sketch-map of part of Arabia, xiv. 134; Yemen, viii. 134; fragen vom Forschungsreisenden, ix. 712†
 Glave, Mr., explorations in Alaska, xiii. 83
 Glazier, Capt., on the discovery of the true source of the Mississippi, vii. 23; and his Lake, Harrower, ix. 58†; Down the Great River, Discovery of the true source of the Mississippi, etc., ix. 717†; map of his voyage, ix. 211
 Glazier, L., river of Nicaragua, xiv. 272
 Gledhill, L., on the river of Nicaragua, Guatemala, and Salvador, xii. 699
 Gleerup, Lieut., journey across Central Africa, viii. 596; Tre Ar i Kongo (in part), ix. 261†
 Gleeson, Mount, New Guinea, xii. 106, 197
 Gleichen, Lieut. Count, the Armed Strength of Portugal, x. 538†
 Globe, Celestial, the Arabian, of 11th Century, Meucci, i. 814†
 Globe, climates of the, Tillo on, ix. 763; Lands of the, still available for European Settlement, Ravenstein, xiii. 27*; permanent winds of the, Thomson, xiv. 555
 Globe hand atlas, Bartholomew, xiv. 203
 Globes, terrestrial—xi. 519; Chinese, iii. 704; Forest, xii. 187; Turnbull and Foster (astronomically mounted), ii. 592; Johnston's Handbook to, 394†
 Gloucester, Cape, New Britain, volcanoes of, v. 511
 Gloucestershire, Murray's Handbook to, vii. 212†
 Glover, Capt. Sir J. H., obituary of, iii. 437
 Glover, Col. T. G., obituary of, iii. 672
 Gnapang peak, Himalayas, viii. 188
 Goad, J. W., exploration of Oregon in 1878 by the Wheeler Survey, i. 694
 Goajira Indians, S. America, iii. 722; pe insula, Simons, vii. 781*
 Goapara, Brahmaputra's discharge at, vii. 320
 Gobi desert, iv. 615, vii. 167, x. 492; geological constitution of, iv. 638, 639; Potanin's journey across, ix. 442
 Gobineau, Comte de, Les Religions et les Philosophies dans l'Asie Centrale, xiii. 243†
 Gobo tribe, Central Africa, v. 483
 Gobron tribe, Somaliland, v. 717, 718
 Goehet, A., Histoire Élémentaire de la Géographie, xiv. 876†
 Goda-su tribe, New Guinea, xiv. 415
 Godar-i-Balutak valley, S. W. Persia, xii. 539
 Godavery river, viii. 689, 690; Historical Account of the District of, Morris, i. 147†
 Godeffroy Museum in Hamburg, Ethnographic and Anthropological Catalogue of the, Schmeltz and Krause, iii. 249†
 God-i-Balutak, Persia, v. 149
 Godinho de Eredia, Malacca, L'Inde Méridionale et le Cathay, transl. Janssen, iv. 181†
 Godshaab or Godthaab, Danish meteorological station at, iv. 233, 570; colony of Eskimos at, vii. 178
 Godwaan Berg, altitude of, x. 439
 Godwin-Austin, Lieut.-Col., on pictorial aids to geographical teaching, ii. 651; Address to the Geographical Section, British Association, v. 610*; the Mountain Systems of the Himalayas, etc., vi. 83*; on Woodthorpe's journey to the Kampti country, vii. 751; on Young-husband's journey across Central Asia, x. 515; on the E.G.S. council report, x. 465; on K 2 Peak, Central Asia, x. 380, 507, 516
 Göhring, Señor Germain, member of expedition into the Paucartambo forests, v. 320
 Goitre at Chien-ch'ang, viii. 373
 Gök-dagh district, Persia, x. 629 *note*
 Golbanti, East Africa, xii. 130; Masai attack on the English mission station at, viii. 525
 Gold, its occurrence and extraction, Lock, v. 50†; rich produce of, in Colombia, v. 254; richness of, in Aguna and Western Akim, v. 37; washing for, in Tibet, Mesny on, vii. 544
 Gold Coast—
 Area and population of, vi. 620
 British possessions on the, xii. 658
 Correspondence relating to†, x. 603, xi. 460
 Divisions of the, sketch map of, Young, vii. 412
 German explorations on the, vii. 722
 Gold and other minerals of the, iv. 506
 Inland topography, v. 87
 Rainfall and temperature on the, x. 533
 Routes in, Dabac's map of, iv. 453
 Survey of Ancohra and Prince's rivers on, Cameron, iv. 501
 To the, for Gold, Burton and Cameron, v. 111†

Gold Coast—continued—

- Trade of, and Ashanti, vi. 450, 451
 Tshi-speaking Peoples of, Ellis, xiv. 62 †
 Western, map of part of, Walker and Bonson, vi. 360
 Golden Bough, the, a Study in Comparative Religion, Frazer, xii. 708 †
 Golden Chersonese, and the Way Thither, Bird, v. 300 †
 Golden Throne mt., xiv. 704, 757 *et seq.*
 Goldfields of South Africa, Guide to the, Penning, v. 498 †
 Goldie, Mr. and Mrs., work in the Old Calabar region, vi. 180
 Goldie, Sir George T., remarks on the Niger territories, xiii. 476
 Goldmann, C. S., Financial, etc., History of Witwatersrand, xiv. 341 †
 Goldsmid, Sir F., on telegraph lines in Persia, i. 269; public services of, vi. 194; visit to the Congo, vi. 177*; on Vambery's derivation of names of places between Merv and Herat, vii. 823; Address at the Geographical Section, British Association, viii. 656*; on Europeans on the Congo, viii. 738; on the relations between history and geography, ix. 142; on Vaughan's Journey in Eastern Persia, xii. 577*; obituary of James Fergusson, viii. 113; of Col. Sir J. U. Bateman Champain, ix. 196; of Col. Sir O. St. John, xiii. 434; remarks after papers on:—the Congo, vi. 193, vii. 370; the Herat valley, viii. 151; the Karun river, xii. 531; Persia, v. 130, 171; the scope and methods of geography, ix. 162; Yemen, ix. 489
 Goldsmith, E. C., on Mayor Island, New Zealand, vii. 613
 Goldsworthy peak, British Honduras, xi. 548
 Goldtdammer, M., on condition of Obock, vii. 108
 Goldthwaite's geographical magazine, xiii. 177
 Goliki tribe, Tibet, ix. 226
 Golubtzof, Madame, researches in the mountains of Tunka, x. 388
 Gomara river, xi. 19
 Gomba of Dowa, height of, vii. 316
 Gomel, District of, National Songs of, Radehenko, xi. 391 †
 Gornul pass, Afghanistan, i. 52, iii. 83; expedition to, Saudeman, xii. 169
 Gőnczy, P., wall map of Hungary, v. 308
 GOND tribes of Bnslar, i. 376
 Gonda, E. Africa, German station at, iv. 106
 Gondatti, N. L., Heathen Beliefs in North Western Siberia, xi. 118 †
 Gondokoro, latitude and longitude of, xi. 643, 644
 Gooch, F. C., Face to Face with the Mexicans, xiii. 127 †
 Good Hope, Cape of, meteorological charts for the ocean district adjacent to the, iv. 520
 Good News, steamer sent by London Missionary Society to Lake Tanganyika, v. 290; reconstruction of the, viii. 328
 Goode, G. B., Published writings of Dr. Girard, xiv. 572 †
 Goode island, New Guinea, v. 517
 Goodenough island, D'Entrecasteaux group, xi. 539
 Goodman, E. J., the Best Tour in Norway, xiv. 566 †
 Goodrich, Commander, Greely relief expedition of, vi. 154
 Goodrich, L., visit to Nyasa region, vii. 744
 Goonan district, New Britain, iii. 91
 Goongong Wang, Malay peninsula, iv. 404
 Gopal river, Southern Persia, v. 157
 Gopčević, S., Makedonien und Alt-Servien, xi. 508 †
 Goreeix, M., map of Brazil, vii. 253
 Gordon, C., Mapa de los Ferro-carriles de la Republica Argentina, xii. 189
 Gordon, General, in Central Africa, 1874-79, Hill, iii. 503 †; expedition for the relief of, ascent of the Nile cataracts, vii. 123; facsimile of map of route from Suakin to Berber and Khartum, vii. 266; obituary of, vii. 184; the campaign of Gordon's steamers, Watson, xi. 751 †
 Gordon, General T. E., journey in Persia, xiii. 484
 Gordon, Lieut. A.R., expedition to Hudson's Bay, vii. 462; on the warmth of Hudson's Bay, x. 550
 Gordon, Rev. D. M., Journey from Victoria to Winnipeg, viii. 800 †
 Gordon, Rev. G. M., obituary of, ii. 705
 Gordon, Robert, Report on the Irawadi, ii. 390, 521 †; theory of the source of the Irawadi, iv. 257, 260, 266, 318, 319, 559, vii. 292*, ix. 39, 359, 364; on the ruby mines near Mogok, Burma, x. 261*; remarks on A.—K.'s journey in Tibet, vii. 88; on Lamington's journey through the Shan States, xiii. 721
 Gordon-Bennett, Mount, Central Africa, xi. 270
 Gordon Cumming, C. F., At Home in Fiji, iii. 380 †
 Gore, J. H., Bibliography of Geodesy, xii. 365 †; Geodesy, xiv. 197 †
 Gore, Capt. St. George, Afghanistan, the Pishin valley, i. 728; journey to Mashhad, vii. 735; with the Afghan Frontier Commission, viii. 783, ix. 574
 Gore-Booth, Sir Henry, Arctic expedition of, iv. 606, 688; remarks on the Arctic campaign of 1879 in the Barents Sea, ii. 37; on the probable position of Mr. Leigh Smith, iv. 55
 Gorilla, the, in West Africa, v. 175, 176
 Gorloff, V. de, Journey in the Atlas, etc., iv. 358*
 Gormaz, F. V., *Geografia Nautica i Derrotero de las Costas del Peru*, i. 812 †. *See* Vidal Gormaz.
 Gerner glacier, Caucasus, 600
 Gorougozo mt., E. Africa, vii. 444

- Gorvatsch pass, Caucasus, x. 691
 Goschen straits, new route to China through, v. 515
 Gosport, navigation school at, iv. 307
 Gothard railway, general map of the, Orell, Füssli and Co. i. 411
 Gotland, island of, Baltic sea, v. 48
 Gottur tribe of Bustar, i. 378
 Götz, Dr. W., Di-Verkehrswege im Dienste des Welthandels, xi. 191 †
 Goudey, A., Lyon et ses Environs, map of, i. 612
 Gouin, A., Carte du Tonkin, v. 629, vi. 487; on Annamite rivers and fêtes, vii. 550; on commercial resources of the Red river (Tongking), vii. 393, 396; journey in Tong-king, vii. 472; work on the Upper Red river and affluents, ix. 312
 Gou-khan or Bad-Khan range, viii. 34
 Gould, E. B., journey in Siam, x. 128; report on the trade of Siam, x. 798
 Gould, John, obituary of, iii. 181
 Goussin and Hatt, *Annuaire des Marées des Côtes de France pour l'an 1880*, i. 282 †
 G. Southern Persia, v. 144
 death of, v. 691
 Gowhatty, Brahmaputra discharge at, vii. 320
 Gowing, L. F., *Five Thousand Miles in a Sledge*, xi. 755 †
 Goyaz, Brazil, xii. 43
 Goyum, Persia, v. 163
 Grade, Herr, journey in Togoland, x. 309
 Graf, Dr., *Bibliographie Nationale Suisse*, xiv. 566 †
 Graham, Alexander, *Travels in Tunisia*, x. 107 †
 Graham, W. W., ascent of Himalayan peaks, v. 604, vi. 68, 69, 593, 442, vii. 422; *Travel and Ascents in the Himalaya*, vi. 429 *
 Graian Pass, Alps, v. 554
 Gran Chaco, S. America, vi. 770; early explorations of, xi. 134; expeditions to, De Brettes, vii. 397, viii. 190; Crevaux, iv. 567; Sola, iii. 179; Thouar, viii. 58, 59, xii. 671; Page on, xi. 129 *; physical characteristics of the, viii. 336; woods and vegetation of the, xi. 142, 143
 Gran Onorato peak, S. America, height of, vi. 660
 Gran Sasso d'Italia, Guida al, Abbate, xi. 51 †; map of, ix. 326
 Grand Canal and Yellow river, Morrison on the, ii. 145, *et seq.*
 Grand Falls of Labrador, height of, x. 197, 198; A. G. Guillemard on, x. 309; visit to, Bryant, xiv. 49; photographs of, *id.*, xiv. 352
 Grand river, Labrador, x. 194-196; meteorological observations on, x. 202
 Grande Rio. *See* Rio Grande.
 Grandidier, A., *explorations in Madagascar*, i. la Province d'Imerina, iii. 120; Carte de Madag-
- Grandidier, A.—*continued*—
 gascar, vi. 361, vii. 414; on the geography of Madagascar, vii. 339; on the east coast lagoons, viii. 785; his surveys, x. 649; *Work on Madagascar* †, xiv. 740, 746
 Grant, Col. J. A., on King Mtesa's services to English travellers, i. 137, 138; on Keith Johnston's expedition, i. 531; on the Marutse-Mabunda empire, ii. 263; on the Khaibar pass, i. 338; on the Rovuma region, ii. 352; on Mtesa's envoys, ii. 384; knowledge of Africa in 1830 and 1881, compared, iii. 681; relief model of Eastern Equatorial Africa, iv. 88; on King Mtesa's death, v. 479, vii. 338; on Last's visit to the Musai, v. 542; on Lupton Bey's observations in the Bahr-el-Ghazal, vi. 253; March from Berber to Korosko in 1863, vi. 326 *; on Arnot's journey, xi. 79; on Stanley's letter, xi. 381
 Grant, C. S., *West African Hygiene*, vi. 425 †
 Grant, Dr., on the new route to N. W. Canada, viii. 729
 Grant, W. J. the voyage of the position of Mr. Leigh Smith, iv. 55
 Granville, Dr. Doyle, on explorations in New Guinea, ix. 85
 Granye, Mohamed, invasion of Abyssinia, vii. 96
 Grasset, M., bequest to Paris Geographical Society, viii. 532
 Graubünden, map of the Canton of, Ziegler, iv. 706
 Gravenreuth, Lieut. Baron von, journey up the Pangani, ix. 56
 Graves, Col., expedition to Cape Guardafui, ii. 780
 Gravier, G., *Étude sur une Carte inconnue*, (Joliet, 1674), ii. 271 †; *Les Normands sur la Route des Indes*, ii. 713 †; Editor of Paul Soleillet's '*Voyage à Segou*, 1878-79,' ix. 714 †
 Gray, Albert, *The Voyage of F. Pyard of Laval*, ix. 590 †
 Gray Bay, Franz-Josef Land, v. 205
 Gray, Capt. D., on the advance of the Polar ice in the Greenland and Spitzbergen Sea, iii. 740; whaling expedition to Antarctic Seas, xiv. 244, 473
 Gray, Dr. Asa, on Sir J. D. Hooker's botanical work, v. 419; on the prairie fires of North America, xiv. 96
 Gray, Mrs., *Fourteen Months in Canton*, ii. 139 †
 Gray, Paul and Co., Messrs., at Bushire, v. 123, 125, 127
 Gray, R., Tongariro, the Sacred Mountain of the Maori, xiv. 875 †
 Gray, The Ven. J. H., *Journey Round the World in 1875-77*, i. 346 †
 Grease river, Athabasca, v. 645
 Great Bear Lake, North America, v. 646
 Great Black Lake, Athabasca, v. 645

Great Britain—

Handbook for travellers in, Baedeker, ix. 709, xii. 637

Nautical training in, iv. 302

Railway map of, Macaulay, i. 154

Rivers of, xiv. 878†

Surveys on the coasts of, xii. 387, 388, xiii. 396

Treaties with Foreign Powers, Hertslet's Collection of, viii. 281†

Great Britain and Ireland—

Geography, Industrial, of, Devan, ii. 143†

Map of, Wichmann, ii. 784, v. 435

Parliamentary map of, Wyld, ii. 396

Political power, map showing distribution of, vi. 753

Great Fish river and Great Namaqualand, vi. 24

Great Geysir of Iceland, iv. 131

Great Prairie, fertility of the, v. 644

Great Rapid, Athabasca river, v. 635, 637

Great Slave Lake, v. 634, *et seq.*, 728; English meteorological station at, iv. 570, v. 378

Great Wall of China, Von Möllendorff's observations on the, iv. 99

Greater Britain, Problems of, Dilke, xii. 362†

Grecian exhibits at the Venice Geographical Congress, iii. 751

Greece—

Ancient, map of, for schools, v. 752

An Easter Vacation in, Sanders, ix. 315†

Boundary of, map showing, Kiepert, ii. 523; the new, with Turkey, *id.*, iv. 705

Geography, Scientific, of, History of, Berger, xiv. 505†; physical, Neumann and Pertsch, vii. 257†

Greater, History of, Lenormant, iv. 115†

Handbooks for travellers in, Baedeker, v. 366, xi. 114; Murray, vi. 746

Maps of, viii. 63; Bizet, iv. 123; Kiepert, iii. 443, 697; Von Reitzner, ii. 592, ii. 251; Stanford, ii. 656

Rambles and Studies in, by J. P. Ma-haffy, ix. 258

Three years in, by H. Belle, iv. 114

Tour in, Farrer, iv. 771†

Travels in, Cabrol, xii. 132†

Works on, Hockley, i. 714†; Lenormant, vi. 351†; Schweizer-Lerchen-feld, v. 18†; Tuna, x. 175†

Green, F. R., Illa de São Thomé, map of, vi. 361

Greek and Roman Geography, history of, Bunbury, ii. 73†

Greek and Roman World, Population of, Beloch, ix. 462†

Greek classics, library of, Firmin-Didot, geography in, v. 173

Greely, Major A. W., Polar expedition to establish a station at Lady Franklin Bay, iii. 586, 735, iv. 171, v. 226, 378, 602, 733, viii. 56; measures for the relief of, vi. 90, 151, 221, 366, 465, 537; account of his discoveries, vi. 679, viii. 156*;

Greely, Major A. W.—*continued*—

the Rescue of, Schley and Soley, vii. 489†; Three Years of Arctic Service, viii. 278†; presentation of medal to, viii. 465; letter of thanks, viii. 531; report on his expedition, xi. 317†; on the rainfall west of the Mississippi, x. 308; Geography of the Air, xiii. 638†

Green, J. R., and Alice Stopford, Short Geography of the British Isles, ix. 136†

Green, Rev. W. S., Exploration in the Southern Alps of New Zealand, iv. 373, vi. 57*; the High Alps of New Zealand, vi. 104†; Explorations of the Selkirk range, xi. 153, 413*; among the Selkirk glaciers, etc., xii. 302

Green, S. R., on the study of geography, viii. 700, 702

Green, W. L., on Dana's Characteristics of Volcanoes, xii. 708†; on the eruption of Mauna-Lea volcano, iv. 61

Greene, F. V., the Russian Army and its Campaigns in Turkey in 1877-78, ii. 458†

Greenland—

Coasts of, ice on, vii. 542; geological structure of, xiv. 647

Communications on. *See* Meddelelser.

Currents, Polar, off, vi. 570, 571, xi. 472, xii. 178

Discovery of, v. 363

East coast of, Danish discoveries on, i. 668; Expeditions to, Holm, vi. 844, 538, vii. 818, xi. 818†; Nordenskiöld, v. 165, vi. 49; Ryder, x. 238, xii. 292, 468, xiii. 297, 688, xiv. 711, 809†; map of, Kjöleström, vi. 804

Expedition " " " east and west coasts, " " " " " i. 331, 520, 668, v. 234, vi. 344, 538, vii. 245, 385, viii. 398, xi. 435, xiii. 112; *Fylla*, viii. 724; Komerup, ii. 191; Mourier, ii. 268; Nansen, x. 240, 417, 591, 791, xi. 412, 435, 469*, scientific results, xiii. 43†; Nordenskiöld, v. 165, 231, 363, 485, 602, 733, vi. 49; Peary, xiv. 697

First Crossing of, Nansen, xiii. 55†

Geology and Geography of, Papers on, x. 52†

Glaciers and inland ice of, xi. 41; Drygalsky on, xiv. 875†

Hydrographical Observations of Nordenskiöld's Expedition to, Hamburg, vi. 569*

Inland Ice of, Jensen on, xi. 319†; map of Nordenskiöld's expedition to, vi. 614

Interior of, and recent expeditions to, Rink, i. 735

King Christian IX. land, sketch-map of, Holm, viii. 213

Maps of, carved on wood, found on coast, viii. 273, 339; old, from a manuscript Ptolemy, v. 295, 296; Pre-Columbian, v. 759

Greenland—continued—

- Meddelelser om Grønland †, ii. 72, iii. 505, xii. 641
 Northern, discoveries in, Greeley, vi. 679
 Oases in interior of, probability of, v. 165, 166
 Observations in, by the Danish Expedition, ix. 322 †
 Population of, Blangsted on, ix. 312
 Second Swedish Expedition to, Nordenskiöld, transl. Rabot, x. 542 †
 Snow-fields of the interior of, xi. 480, 481
 South, Danish exploration in, 1888, xi. 435
 Two Summers in, Carstensen, xii. 438 †
 West coast of, ii. 272, v. 309; expeditions to, Danish, viii. 378; *id.*, Hammer, iii. 50, iv. 235; Drygalski, xiii. 112, 732, xiv. 374, 414; Rabot, xi. 41; temperature of sea off, vi. 574
 Whympers on, vi. 155
 Work on, Nordenfjöld, viii. 673 †
 Greenland and Spitzbergen seas, ice in, Gray on, iii. 740
 Greenwich hospital, nautical school of, iv. 298, 306
 Greenwich island, Caroline group, viii. 558
 Greenwood, Th., Tour in the States and Canada, vi. 103 †
 Gregory, Frank T., obituary of, xi. 46
 Greifswald, New German Geographical Society at, iv. 244, v. 721
 Greig, Mr., on the destruction of forests in the North-west Provinces of India, i. 516
 Greim, Dr. G., Die Gletschernessungen in den Alpen, xiv. 722 †
 Grenfell, Rev. G., the Cameroons District, iv. 585 †; station at Manyanga founded by, iv. 45; Explorations on the Congo, etc., vi. 742, vii. 353 †, 380, 455, 538, 611, viii. 47, 430, 524, 614; of the Mobangi, vii. 538; of the tributaries of the Congo, etc., viii. 627, ix. 239, 298, 338 †; medal awarded to, ix. 311, 452, 454; news from, ix. 681; map of the Congo, xi. 175
 Grenville channel, British Columbia, xiii. 70
 Greswell, Rev. R., obituary notice of, iii. 567
 Greswell, Rev. W. P., Geography of Africa, South of the Zambesi, xiv. 426 †; of the Dominion of Canada and Newfoundland, xiii. 305 †; History of the Dominion of Canada, xii. 771 †; Our South African Empire, vii. 555 †
 Gribble, J. C., Preliminary Survey and Estimates, xiii. 242 †
 Grierson, G. A., the Modern Vernacular Literature of Hindustani, xii. 244 †
 Gries and Klagenfurt, valleys of, barometric curves in the, xiii. 142

- Griesbach, Dr., Geology of the Central Himalayas, xiv. 196 †
 Griffin, G. W., New South Wales, her Commerce and Resources, xi. 60 †
 Griffin, Sir L. H., on the Upper Oxus, vi. 509
 Griffith, Dr., ascent of the Koh-i-Baba, i. 192; ascent of the Lohit river, ix. 355; journey into the Hukong valley, xiv. 405; remarks on the Irawadi, vii. 302
 Griffith, G., on the scientific aspects of geographical education, viii. 202
 Griffith, J. R., on Sierra Leone, xiv. 453
 Griffith, Mr. See Southon.
 Griffith, Mount, New Guinea, xi. 606, xii. 210
 Griffith, Sir R. J., obituary of, i. 368
 Griggs, W., the second Borian map by Diego Ribero, reproduced by, ix. 62
 Grigorief, M., photograph of a Finnish Sacred Tree, xiv. 583
 Grijmaillo. See Grum-Grijmaillo.
 Grimes, J., Geonomy, vii. 490 †
 Grimms, Dr., on African Civilization, viii. 798 †
 Grinewezki, L., Reise quer durch Nowaja-Semlja (map of), vi. 428
 Grinnell land, configuration of, Boas on, vii. 245; exploration in, Greeley, viii. 156 †; ice-cap of, vi. 680; luxuriance in summer, viii. 160, 161
 Grigualand, area and population of, iii. 3; map of, Henkel, iii. 444
 Griqualand West, journey between the Molapo river and, Harrel, ii. 694; Road Reports of, xi. 313 †
 Grisebach, A. *Geometrische Abhandlungen*, etc., zur Pol. Geogr. und p. 1. 7-8 †
 Grissinger, Dr. K., Study of the Weissen-See †, xiv. 722, 798
 Grodeck, E., editor of third vol. of Nachtigal's work, xi. 571 †
 Grodekof, Col., journey in Central Asia, i. 356; survey from the Oxus to Herat, i. 387, 591; Kirghizes and Karakirghizes of the Syr-daria, xii. 185 †
 Grombehevsky, Col., explorations in Chinese Turkistan, ix. 508; in Central Asia, xi. 49, 103, 171, 563, 609, xii. 357, 379, 422, 466, xiii. 36, 174, 236, 384; remarks on the Pamir, xiv. 34; on the source of the Yarkand river, xiv. 780
 Groome, F. H., Ordinance Gazetteer of Scotland, vii. 616 †
 Groot, C. De, Herinneringen aan Blitong, Historisch, etc., x. 176 †
 Groot, M. J. de, on the causes of Chinese emigration, xiii. 557
 Grosier, Abbé, General Description of China, xiii. 308 †
 Grout, Ed., on French commerce in Tongking, vii. 192
 Grout, Rev. L., on the phonology and orthography of the Zulu language, i. 203
 Grove, Mrs., on the railway from Antofagasta to Uyuni and Oruro, xiv. 708

- Growse, F. S., Supplement to the Fatchpur Gazetteer, x. 48 †
- Grum-Grijimailo, M., explorations in the Pamir, ix. 54, 430, 431, xi. 171; in Central Asia, xi. 309, 505, 563, xii. 616, 668, xiii. 208 *, 384
- Grundemanu, R., Die Englische Kolonie Natal und das Zululand, i. 203 †
- Gruneh tribe, Morocco, xi. 491
- Grye, M. Bouquet, L., in Mexico, v. 359; on the ... hour, vi. 49
- Gsell-Fels, Dr. Th., Italien in sechzig Tagen, iv. 573 †
- Guadalajara, Description of, Barcelona, iii. 397 †
- Guadalecanar island, Solomon islands, x. 353, 362
- Guadeloupe, Physical, etc., notes on, Bouinai, ii. 523 †
- Guaharibos river and natives, South America, x. 96, 97
- Gualidi. See Geledi.
- Guallabamba, ravine of, iii. 465
- Guanahani or San Salvador island of Columbus, xiv. 593
- Guaudü settlement, Rio Dooe, x. 63, 64
- Guano, E. Africa, xiv. 517
- Guarayos tribe, S. America, xi. 499
- Guardafui, Cape, Graves' expedition to, ii. 780; Meteorology of sea off, Strachey, x. 704 *
- Guatapuri, Rio, Magdalena State, iii. 709
- Guatemala—
- Census of, First general, 1880, iv. 773 †
 - City of, Directory of, ix. 460 †
 - Explorations in, Fowler, ii. 129; Maudslay, v. 185 *
 - Forests of, Rock, x. 604 †
 - Map of, Bianconi and Medina, xii. 573
 - Photographs of, Gledhill, xii. 371
 - Plateau, the, v. 670
 - Population of, vii. 464, viii. 398, x. 384
 - Statistical, etc., reports on †, x. 397, xi. 514, xiv. 66
 - Work on, Brigham, ix. 780 †
- Guay river, Matabeleland, x. 295
- Guayaquil, Ecuador, plan of, Wolf, ix. 464; position of, ii. 585, xiv. 126; rainfall of, iv. 625; valley of, v. 353
- Guaymas, port of, California, v. 668
- "Guban" country, Somaliland, vii. 626
- Gubbins, J. A., report on the principality of Loochoo, iii. 590
- Gubuluwayo, Matabeleland, viii. 67, x. 296; position and height of, ii. 367, iii. 178
- Gu-chen, Central Asia, xii. 81
- Guddor's Bight river, Labrador, x. 193
- Gudelissin. See Derbe.
- Guedénof, M., journey in the Trans-Caspian country, vii. 400
- Guedroitch, Prince, explorations of the Amu-Daria, ii. 779
- Guérin, V., Description Géographique Historique, ... P... tine †, ii. 1...; ... P... tine, iii. 640; explorations in Rhodes, ii. 516; in Tunis, iii. 500; in Palestine, iv. 438
- Gueritz, E. P., North Borneo, vi. 667
- Guerne, M. de, on the lake of San Miguel, x. 597
- Guerrico, Mount, Patagonia, height and position of, ix. 384
- Guevara, Father, History of Paraguay, the Rio de la Plata and Tucuman, viii. 912 †
- Guiana—
- Among the Indians of, Im Thurn, v. 645 †
 - Boundaries of, xiv. 669; Correspondence on, ix. 717 †
 - British, interior of, Journeys in, Im Thurn, ii. 465 *, Whiteley, iv. 612; trade, population and rainfall of, xi. 106 See also British Guiana.
 - Coast of, map of, ix. 727
 - Exploration in, vii. 464; Crevaux, i. 131, 522, ii. 135, 136, 195; Ten Kate, viii. 191, ix. 55
 - French, boundaries of, xiii. 565; Coudreau's explorations in, x. 473, xi. 439, xiii. 40, 300, 563; plan showing principal gold-mines of, x. 323
 - General geography of, Im Thurn on, xiv. 666
 - Journeys in, and the Amazons, Coudreau, ix. 716 †
 - Map of, xi. 402
 - Rock pictures near the rivers of, ii. 472, 487
 - Six Years in, Coudreau, xiv. 661 †
- Guird, E., on the Flatters Mission, vi. 295
- Guicha La Pass, xiv. 614
- Guido, Mount, Patagonia, height and position of, ix. 384
- Guillaume, H., the Amazon Provinces of Peru as a Field for European Emigration, x. 178 †; on explorations in Peru and Bolivia, xi. 694
- Guillemard, A. G., on the height of the Grand Falls of Labrador, etc., x. 309
- Guillemard, Dr. H., the Cruise of the *Marchesa*, ix. 264 †; appointed geographical lecturer at Cambridge, x. 447; Life of Magellan, xii. 771 †
- Guillemin, M. Eugene, relief-map of France, v. 175
- Guimet, Émile, Promenades Japonaises, iii. 59 †
- Guinea—
- Annexations in, v. 434
 - English and French possessions in, map of, Hausermann, vi. 548
 - Franco-Portuguese boundary in, map of, Desbuissons, ix. 211
 - Journeys in—Baudin, ix. 190; Joest, xiii. 565; Monnier, xiv. 503 †
 - Lagoons of the coast of, xii. 597, 598, xiii. 579, 580

Guinea—continued—

- Portuguese—area of, vi. 618; maps of, xi. 522, xiii. 696
- Upper, explorations in, Krause, viii. 722, ix. 760; disaster to French expedition in, xiii. 556; map of, Friederichsen, vii. 200, 352
- Guinea, Gulf of, currents of the, viii. 757; temperature, etc., of waters of, Buchanan, xiv. 625
- Guinness, Mr., on explorations on the Congo, vii. 371
- Gniral, L., Le Congo Français, xi. 513 †; on San Benito river, vii. 517; report on the west coast of Africa, vii. 550
- Gulbenkian, Calouste S., La Péninsule d'Apchéron et le Pétrole Russe, xiii. 372 †; La Trans-Caucasie et la Péninsule d'Apchéron, xiv. 59 †
- Gulcha, Alai mountains, xiv. 7
- Gulf Stream, temperature of, off Greenland, vi. 574; *id.*, in 1884, vi. 665; Prince of Monaco on, ix. 322 †; Thoulet's observations on the, ix. 762
- Gulgula ruins, Central Asia, iii. 738
- Gul-Koh mountains, i. 193
- Gullfoss, Iceland, iv. 133
- Gull island rapid, Labrador, x. 195
- Gulran or Gurlin, Afghanistan, vii. 278, 562
- Gumaran Choch peak, Caucasus, xiii. 724
- Gumba village, French Sudan, x. 380
- Gümbel, Prof., xii. 612
- Gumprecht, C., Der Mittlere Isonzo und sein Verhältniss zum Natisone, ix. 711 †
- Gundelta Tournefortia*, xii. 456
- Gunguhana's Kraal, Gazaland, xiii. 589, 590
- Gunn, Lieut., Indian Coast Surveys under, xiii. 611
- Gunnlaugsson's map of Askja Volcano, iii. 472
- Günther, Dr. S., Die erste Anwendung der gnomonischen Kartenprojektion, xiv. 730 †; Handbuch der Mathematischen Geographie, xii. 708 †; Johannes Kepler und der Tellurisch-Kosmische Magnetismus, x. 713 †; Lehrbuch der physikalischen Geographie, xiv. 198 †; Studien zur Geschichte der Mathematischen und physikalischen Geographie, i. 409 †
- Gunther Sound, Franz-Josef Land, v. 217
- Gurney, H. B., the Solomon Islands and their exploration, on their exploration, x. 376; on the south coast of West Java, xi. 696; on the Thames as an agent in plant dispersal, xiv. 798, 876
- Gurdzi-vesk pass, vii. 598 *note*; height of, vii. 602
- Gurgan, Trans-Caspia, i. 168
- Gurgler glacier. *See* Vernagt.
- Gürich, Dr. G., Geologische Skizze von Afrika, iv. 656
- Guria Mandhata peak, Himalayas, i. 445
- Gurney, J. H., obituary of, xii. 392
- Gurunga tribe, W. Africa, xii. 168
- Gusherbrum peak, xiv. 212
- Güssfeldt, Dr. P., Die Loango Expedition, etc. †, i. 149, 478, iv. 324; Work in the Andes, vi. 658 †; Reise in den Andes von Chile und Argentinien, x. 108 †
- Gutchisir stream, Persia, v. 59
- Guthe, H., Lehrbuch der Geographie, ii. 271 †
- Guttenbrunner, Lieut., new method of constructing relief maps, vii. 465
- Guy, Prof. C., L'île d'Yeu, xiv. 865 †
- Guyard, M., Completion of Aboulfeda's Geography, v. 676 †
- Guyot glacier, great, Alaska, ix. 270; xi. 431, 432, xiv. 326
- Guyot, M., on the hydrography of the Zambesi, iii. 760
- Guyot, Père, African journeys and death of, v. 106, 605, 783
- Guyot, Prof. A. H., *Geographie Physique Comparée*, v. 676 †; *Physical Tables*, ix. 521 †; *Notice sur Faure*, viii. 281 †; obituary of, vi. 380
- Guzar village, Central Asia, viii. 32 *note*
- Guzman, D. J., Topografía física de la República del Salvador, vi. 103 †
- Guzman, R. D., Historia de las Provincias del Río de la Plata, viii. 211 †
- Gvalda glacier, Caucasus, x. 590, xi. 354; flowers of the, x. 695
- Gwaji river, S. Africa, vi. 30, 34
- Gwaja pass, ii. 228
- Gwal river, ii. 536
- Gwalior and Central India survey, iv. 341
- Gwamba language in S. E. Africa, v. 285
- Gwangwara tribe, E. Africa, v. 397, 398, 691, vi. 517, 520, 534
- Gwengweré rapids, Aruwimi river, xi. 264
- Gya-la Sindong, Tibet, i. 594
- Gylden, Prof., on the glow of sunsets caused by cosmic cloud, vi. 166
- Gyuksun, valley of, Asia Minor, xiv. 58

H

- Haafner, J., On Foot through the Island of Ceylon, xiii. 309 †
- Haardt, V. von, atlases by—für Volksschulen, i. 615; für die höheren Classen, etc., vii. 272; *Physikalische Tabellen für Schulen*, vii. 272. *Mappe von Asien*, iv. 518; *Asia* (ethnographical), viii. 268, ix. 266; *America and Europe* (school wall), v. 732; *Australia and Polynesia*, *id.*, vii. 496
- Haarlem lake, Historical account of the former, Ramaer, xiv. 658 †
- Haas, Dr. H., Ueber den heutigen Stand der Glaciologie, vii. 556 †; (and Schneider), Von Algier nach Oran, etc., i. 151 †
- Haast, Sir J. von, Geology of Canterbury and Westland, New Zealand, ii. 72 †; journeys in New Zealand, v. 57, *et seq.*; medal awarded to (1884), vi. 340, 415; on the action of glaciers, x. 782; obituary of, ix. 687

- Habenicht, A., physical schoolroom map of Asia, xiii. 445
- Habenicht, H., maps by:—Africa, xiii. 745; *id.*, wall, xiv. 66; the Upper Amazon, i. 351; Ueber das Woher und Wohin des gegenwärtigen geophysischen Zustandes, x. 480†
- Habr-Gerhaji tribe, Somaliland, vii. 627
- Hacha, Rio, S. America, iii. 714
- Hachette et cie, Atlas de Géographie Moderne, xi. 467, 580, 640, 704, 759; xii. 56, 190, 255, 311, 371, 442, 508, 576, 647, 711; *id.*, universal, *see* St. Martin; map of Europe, i. 159
- Hadava river, New Guinea, vii. 597
- Haddington and Berwick, Bartholomew's map of, vi. 545
- Hadendoa tribe, N. Africa, Mosionas on, v. 299
- Hadia, Tambaro and Wallamo, countries of, xii. 174
- Hadid, Jebel, or Iron mountain, xi. 4
- Hadjan-Kileh, i. 177
- Hadley, Alderman, on Cowan's excursions in Madagascar, iv. 536
- Hadramaut, ix. 489; and the Arab Colonies in the Indian Archipelago, Van den Berg, ix. 518†
- Haeckel, Ernst, Indische Reisebriefe, v. 49†; Visit to Ceylon, transl. Bell, v. 309†
- Hæmus Peninsula, on the knowledge of the, Tomaschek, ix. 712†
- Haffar canal, Karun river, xii. 575
- Hafiz-Khānā ruins, xiii. 285
- Haft Kotul pass, i. 42
- Haft Lang tribe, Persia, xii. 544
- Haga, A. Noderlandsch Nieuw Guinea, xiv. 575†
- Hagen, Dr. B., Wissenschaftliche Reise an den Loba-See (Central Sumatra), ix. 713†
- Hager, C., Die Marschall-Inseln, ix. 322†; Kaiser Wilhelms-Land und der Bismarck-Archipel, ix. 208†
- Hague, Dr. Arnold, survey of the Yellowstone Park, x. 712
- Hahé district, South-West Africa, v. 463
- Hahn, C., Aus dem Kaukasus, xiv. 569†; Die Vorstellung der Swaneten, xiv. 869†
- Hahn, Dr. E., on a new economical division of the earth's surface, xiv. 182; Die Kulturformen der Erde (map), xiv. 136
- Hahn, F. G., Insel-Studien, v. 567†; über das Aufsteigen und Sinken der Klüften, i. 409†
- Hahr, A., General Karta over Sverige, Norge och Danmark, iii. 250
- Haida tribe, British Columbia, xi. 457
- Haidin-kua or Karashahar river, xii. 83
- Hai-dzong town, viii. 224
- Haifa, or Life in Modern Palestine, Oliphant, ix. 316†
- Haig, Col. C. T., Heights in Madras, Bombay, and the Nizam's Dominions, ix. 459†
- Haig, Major-General F. T., Journey through Yemen, ix. 479*; to the Red Sea Ports, etc., Report of, ix. 649†
- Hainan, island of, Henry's explorations in, ix. 378; Napier's positions of places in, i. 456; survey of, iv. 553
- Hairst, G. ... etc., Dictionary of, B. ...
- Haines, General Sir F. P., on the Herat valley, etc., viii. 155
- Haines river. *See* Webb Shebeyli.
- Haiphong town, viii. 224; Journey from, to Canton, Agassiz, xiii. 249*
- Haitan straits, Formosa, vii. 2
- Haïti, new Geographical Society in, viii. 653; map of, Eggers, x. 186; *id.*, Vuillemin, iii. 512; Voyage to, La Selve, iii. 505.† *See* Hayti.
- Hajikhah pass, Koh-i-Baba, i. 192
- Haji Mirza, Seyyid Hassan, map of Southern Persia, i. 332
- Haji Yedio, habitation of, xiv. 174
- Hajji Jabar Khan, Governor of Moham-mora, Persia, v. 132
- Hake, A., Events in the Taeping Rebellion, xiv. 425†
- Hakko Lagoon, W. Africa, vii. 379
- Hakluyt, R., on the instruction of sailors and explorers, iv. 297.
- Hakluyt Society, map of the world A.D. 1600, ii. 395
- Hala mountains, i. 39, 58, 60
- Hale, H., U. S. Exploring Expedition, (Wilkes), Ethnography and Philology, viii. 283†
- Hale, Rev. E., on geographical appliances, viii. 123; on geographical appliances, viii. 203
- Halenbeck, L., sketch map of the coasts of the North Sea, v. 683
- Halfa, Nile route from, to Debba, vi. 579
- Hali-tribe, W. Africa, ii. 629
- Haliburton, R. G., Lost Colonies of Northmen and Portuguese in America, vii. 25*; connection of the trade winds and the Gulf Stream with some West Indian problems, vii. 732
- Hall, Admiral Sir W. H., obituary of, i. 214
- Hall, C. E., exploration of the Mai Kassa river, New Guinea, x. 708
- Hall, Capt. C. F., Narrative of the Second Arctic Expedition made by, edit. Nourse, ii. 142†
- Hall, Capt. M., on glacier movements, xiv. 455
- Hall, J. C., on internal communication in Japan, i. 210; Visit to Corea, in 1882, v. 274*
- Hall, Maxwell, on the height of Blue Mountain peak, Jamaica, ix. 579
- Hall, Rev. A. J., Grammar of the Kwagiu Language, xi. 463†
- Halle, Geographical Society of, proceedings of, 1880, i. 281, iii. 57; influx of population to, and other cities, map showing, ii. 327

- Haračić, Prof., Die Inseln Lussin, xiv. 722 †
- Harar, E. Africa, v. 365, vi. 257, 262, vii. 118, 642, 643; area and population of, vii. 104; Expedition to, Paulitschke, xi. 394 †; map of Heath's and Peyton's route from, to Berbera, viii. 285; report on, Hunter, vii. 121
- Harbour Dictionary, Lundgren, v. 50 †
- Harcourt, E. Vernon, obituary notice of, v. 668
- Hardegger, Dr. Von, expedition with Paulitschke into Somaliland, vii. 458, 643
- Hare, A. J. C., Cities of Southern Italy and Sicily, v. 367 †; Days near Rome, xi. 125 †; North Eastern France, etc., xiii. 52 †
- Hareskin river and Indians, Athabasca, v. 646, 650
- Hargazo falls, Tana river, xiv. 523
- Harhaz river, Persia, v. 63
- Hari-Rud or Tejend river, iii. 533, v. 3, *et seq.*; source of, ix. 575; valley of, vii. 276, 277
- Harman, Capt., explorations in the north of Assam, i. 126; on the discharge of the Sappo, etc., iv. 258, x. 582; mapping of parts of Sikkim, v. 384; death of, v. 487; his services to geography, *ib.*; his surveys in the Himalayas, vi. 446, xiii. 414, 415; native surveyors trained by, vii. 313
- Harman Musa, Djebel, petrified coral reefs at, x. 394
- Harmand, Dr. J., Itinéraires entre Bassac, la Khon et Hué, map, i. 412; on the ethnology of Indo-China, ii. 586; journeys in Siam, iv. 385, 766; on the present knowledge of Siam, iv. 566
- Harnai valley, ii. 534, 535
- Harnish, Dr. A., Afghanistan in Seiner Bedeutung für den Völkerverkehr, xiv. 131 †
- Harper's Handbook for Travellers in Europe and the East, iii. 573 †
- Harrudiggit, Somaliland, vii. 638
- Harragin, George A., Chart showing currents near Trinidad island, v. 440
- Harrar. *See* Harar.
- Harrel, Capt., journey beyond Griqualand West, ii. 694
- Harris, Capt. W. C., Narrative of an Exploration into South Africa, i. 203 †
- Harris, G. W., "The" Practical Guide to Algiers, xiii. 183 †
- Harris, R., remarks on Bolivia, etc., iii. 418
- Harris, W. B., on Thomson's journey in Morocco, xi. 163; visit to Sheshouan, xi. 18*; Distribution of Tribes in N. W. Morocco, xi. 487*; the Land of an African Sultan, xii. 121 †; farther notes on North Morocco, xiii. 164*; visit to Yemen, xiv. 771
- Harrison, W. A., Manual of Physiography, i. 814 †
- Harrison, W. G., Earth-knowledge, x. 255 †
- Harrisse, H., Jean et Sébastien Cabot, iv. 773 †; Les Corte-Real et leurs Voyages, v. 678 †; Christopher Columbus, vi. 426 †, viii. 210; Christophe Colomb et Savone, x. 180 †; Christophe Colomb, Les Corses, etc., xiv. 579 †; on the Cantino Map, xiv. 606
- Harrou, A., La Commune de Familleureux, xiv. 722 †
- Harrow, geographical education at, viii. 202
- Harrowby, Earl of, obituary of, v. 388
- Harro-Wenchit, Mount, xii. 174
- Harrower, H. D., Captain Glazier and his Lake, ix. 58 †
- Hart, H. C., Fauna and Flora of Sinai, etc., xiii. 238 †
- Hartert, E., explorations in Upper Assam, xi. 385, 386
- Hartland, Mr., journey to Banza Makuta, iii. 24; visit to the Arthington falls, iii. 99
- Hartleben, A., Karte der Donau, ii. 463, 523; Universal Hand-Atlas, xiii. 447; Volks-Atlas, x. 404, xiv. 271
- Hartman, R., Die Völker Afrikas, i. 811 †
- Hartmann, C. H., ascent of the Owen Stanley Range, ix. 721, 767
- Hartog, Mr., visit to Timor Laut, vi. 117
- Hartt, Professor, exploration of the Rio Dôce, viii. 368, x. 66
- Harut-rud river, i. 194
- Harvard College, proposed astronomical observatories on high mountains, ix. 249
- Harvey, J., obituary of, i. 368
- Harvey, Rev. M., Newfoundland, v. 241 †; on the Agricultural Capabilities of Newfoundland, x. 457
- Harz Mountains, Maps of—v. Bomsdorff, xiii. 510; Deichmann, v. 435, vi. 486, vii. 697; Diercke and Gaebler, ix. 591; x. 673; (west, geological), viii. 64
- Hasler, Dr. Emil, Centralstüdamerikanische Forschungen, x. 253 †
- Hassan Beyley pass, viii. 96, 97
- Hassan Kuli Khan, chief of the Bakhtiari, v. 125, 126, 132
- Hassell, A. H., San Remo and the Western Riviera, i. 808 †
- Hasselt, Mr. Van, explorations in Sumatra, i. 769, 772
- Hassenstein, B., Atlas von Japan, viii. 136, ix. 530; Bohndorff's Reisen in Zentral-Africa, vii. 693; maps by—Corea, v. 628; Das Gebiet der Ewe-Stämme und die Deutschen Erwerbungen im Togoland, x. 612; Die Deutschen Besitzungen in West Afrika, vii. 61, in W. Polynesian, vii. 414; Ebene Von Yedo, i. 412; Itinerar-Aufnahmen im Aegyptisch-Abessinischen Grenzgebiet, vi. 360; Junker's Reisen in Afrika, ii. 77, xi. 641 *note*; Kriegeschauplatz von Alexandria bis Tanta, iv. 709; Merw und das Russisch-Persische Grenzgebiet, vi. 613; Rogozinski's Reisen im Kamerun-Gebiete, vi. 360; Rohlf's expedition to

Hassenstein, B.—*continued*—

- Abyssinia, v. 55; West Equatorial Africa, v. 376; Verzeichniss der Karten in Petermann's Geo. Mitt., ii. 203
 Hassert, Dr. K., *Der Scutari-See*, xiv. 569 †
 Hastings, E. J., statistical atlas of commercial geography, ix. 790
 Hathorn sound, xii. 394
 Ha-tinh province, viii. 219
 Hatsek, J., Administrative-Wandkarte von Ungarn, vii. 492
 Hattew, Frank, explorations in North Borneo, x. 141; North Borneo, vii. 830
 Hutton, Joseph, Newfoundland, v. 241 †, 305; the New Ceylon (British North Borneo), iv. 116 †
 Hutton-Richards, T. H., Travels with Sir W. MacGregor, iv. 575 †
 Hutzfeldt harbour, New Guinea Company's station at, viii. 719; rainfall at, xiii. 176, 177
 Huash, Col., on the Welle, v. 33, 34
 Haud plain, Somaliland, vii. 629, 630
 Hauer, Dr. F. R. von, Geologische Übersichtskarte von Bosnien-Herzegovina, iii. 64; Annalen des K. K. Naturhistorischen Hofmuseums, viii. 281 †
 Houghton, S., Six lectures on Physical Geography, ii. 394 †
 Hauptfluss und Nebenfluss, Wisotzki, xi. 637 †
 Hauptmann, S., Karten von Mykenai, vi. 303
 Haurangatahi mountain, New Zealand, vii. 220
 Hauser, Capt. P., Die Aequator-Durchgänge des Mondes, ix. 134 †
 Hauser, P. M., Das Klydoskop, iv. 327
 Hausermann, R., Carte des possessions Anglaises et Françaises sur le Golfe de Guinée, vi. 548
 Hauslab, R. von, Hypsometrische Uebersichts-Karte von Bosnien, i. 347, ii. 143
 Hausa Land, Into the Heart of, Staudinger, xi. 188 †
 Hausa race, W. Africa, xii. 168; on opening relations with, Haller, xiv. 715; Language, Elements of, xi. 316 †
 Haussknicht, Prof. C., Reiser in Orient, 1865-1869 (map of), Kiepert, iv. 520
 Haut-Dauphiné, Guide to, Conlidge, Duhamel, and Perrin, ix. 710 †
 Hautreux, M., Formation des baues de Terre-Neuve, d'après M. Thoulet, x. 397 †
 Hauz Mahomed spring, Siab Kuh mountains, xiii. 651
 Havannah harbour, New Hebrides, viii. 546
 Havard, H., La Hollande à vol d'oiseau, iii. 58 †
 Havro bank, Norway, ii. 282, 283
 Haveli-Khalifatābād, India, xiii. 284
 "Havildar," the, obituary of, i. 600
 Havre, new commercial geographical society at, vi. 582; environs of, Leblanc, ix. 655

Hawaiian Islands—

- Exhibits at the Paris Exhibition, Catalogue of, xi. 753 †
 Geography and History, etc., of, Monner Sans, vi. 55 †
 Historical sketch of education in the, xi. 753
 Honolulu Almanac and Directory, 1886, viii. 407 †
 Kingdom of, Gordon Cumming, v. 114 †
 Latitudes determined for the Government of, Preston, xiv. 576 †
 Map of, Bishop, ix. 725
 Population of, vii. 462
 Survey, Government, of, xi. 753 †
 Volcanoes, etc., of, Dana, xi. 516
 Work on, Bastian, v. 682 †
 Hawara tribe, Morocco, xiii. 164
 Hawash river, Galla country, vii. 110; source of, x. 451; upper, Traversi's expedition to, ix. 627
 Hawes, A. G. S., on a new Central African lake, ix. 439; on the commercial resources of the Nyasa region, x. 237
 Hawes, Lieut., and E. M. Satow, Handbook for Travellers in Japan, vi. 355 †
 Hawiya Somal tribe, vii. 642; country of the, vi. 259
 Hawker, mount, Australia, vi. 568
 Hawkes, Cape, viii. 167
 Hawkins, M. W. S., Plymouth Armada Heroes; the Hawkins Family, xi. 115 †
 Haws, robber tribe of Siam, x. 128, 131
 Hawz i Sultan, Persia, x. 630 *and note*.
 Hay, J. C., Arakan, xiv. 869 †
 Hay, Miss M. B., translator of paper on earthquakes in Russian Turkistan, x. 638
 Hay, Rev. R. Wright, on the physical characteristics of the Mayumba, W. Africa, viii. 330
 Hay river, Australia, vi. 567, 568
 Hay river, North America, v. 644
 Haybittel, R., journey for the relief of the Boers in Damaraland, ii. 317
 Hayden, Prof. F. V., geological and geographical atlas of Colorado, i. 160; report on the United States geological and geographical survey, 1869-1870, on the Two Ocean Pass in Wyoming, i. 721; the Great West: its Attractions and Resources, ii. 462 †; on Sir J. D. Hooker, v. 419; North America, Stanford's Compendium (in part), v. 432 †; obituary of, x. 423
 Haydn's Dictionary of Dates, etc., edit. Vincent, xi. 755 †
 Haydon, F. W., on Thomson's journey through the Masai country, vi. 710
 Hayes, A. A., on North American Trans-Continental Pathways, xii. 292 †; New Colorado and the Santa Fe Trail, iii. 62, xii. 366
 Hayes, C. W., explorations in the Yukon district, xiv. 561
 Hayes, Dr. T. T., obituary of, iv. 101
 Hayes river, depth of frozen soil in bed of, ix. 769, 770

Hayes sound, viii. 171
 Hayn, C. F., Karte der Erzdiocese Coeln, iii. 765
 Haynes, Capt. C. E., on Matabeleland, etc., ix. 692
 Hayter, H. H., Victorian Year-Book †, x. 543, xiv. 574
 Hayter island, China Straits, v. 507
 Hayti or the Black Republic, St. John, vii. 606 †. See Haiti.
 Hayward, H. M., on the submarine volcano off Cape Colville, N. Z., iii. 672
 Hazara country and tribe, Afghanistan, i. 250, vii. 562, viii. 148, ix. 103
 Hazardarakht river, Afghanistan, i. 618
 Hazen, General, Greely's relief, vi. 91
 Hazen, Lake, ice formation in, viii. 166
 Hazompotsy river, Madagascar, iv. 530
 Hearne, Samuel, explorer of Lake Athabasca, v. 644, 648
 Hearn, T. P., letter from Lupton Bay, v. 482
 Heath, Dr. E., exploration of the Beni river, Bolivia, iii. 420, v. 327*; map of the same, v. 327 note.
 Heath island, China Straits, v. 507
 Heatheote, Lieut., measurement of river Irawadi, vii. 301
 Heaton, J. H., Australian Dictionary of Dates and Men of the Time, i. 742 †
 Heaviside, Lieut.-Colonel, survey work of, vii. 686, 688; retirement from Indian Survey Department, x. 591
 Heawood, E., on Livingstone's Lake Lincoln, vi. 91; on the river Kuta of Lupton Bay, vi. 344; on the lengths of the greatest rivers in the world, ix. 252
 Hebrides, Outer, Bartholomew's map of the, vii. 411
 Hector Pass glacier, Rocky mts., xi. 155
 Hector range, New Zealand, vi. 62
 Hector, Sir James, Handbook of New Zealand †, vi. 105, viii. 539; map of New Zealand, v. 750; award of Founder's medal to, xiii. 294
 Hector, Th., Ellipto-Polar map of the world, iii. 381
 Hedger, Capt., On Sea and Shore, xiii. 742 †
 Hodges, W., Diary of, Barlow and Yule, ix. 587 †
 Hedin, M. S., ascent of the peak of Demavend, xiv. 565
 He-ho river, affluent of the Song-ei, viii. 219; d'Augis's ascent of, iv. 608, 609
 Heiderich, Herr, on the mean elevation of Africa, x. 589
 Heilprin, A., explorations on the west coast of Florida, etc., ix. 589 †; the Bermuda Islands, xii. 248 †; on the culminating point of the North American continent, xii. 754; Explorations in Mexico, xiii. 239 †; work on the Cretaceous Deposits of Mexico, xiii. 240 †; Floras of the Great Volcanoes of Mexico, xiv. 473, 504 †

Heim, Dr. A., Der Gebirgsbildung, i. 282 †; Handbuch der Gletscherkunde, vii. 347 †; on the glaciers of the Caucasus, x. 686 and note.
 Heimin people, Loochoo islands, iii. 591
 Heine, W., Japan, ii. 324 †
 Heins, M., L'évolution topographique d'une Grande Ville, xi. 508 †
 Hekla, mount, height and temperature of, ix. 52
 Hekla, the, expedition of, to Greenland, xiii. 688
 Helby, Lieut. E., survey work between the Narbada and Perim island, x. 33
 Helène, Maxime, the Public Work of the Nineteenth Century, v. 50 †
 Helgurstadz, lime quarry, Iceland, v. 485
 Heligoland, denudation of, Lindemann on, x. 712; plan of, Auekens, ix. 265
 Hellmann, Dr. G., Regenverhältnisse der Iberischen Halbinsel, x. 538 †
 Hell's Cauldron gorge, West Africa, v. 697
 Helluland, Newfoundland, vii. 29
 Hellwald, F. von, Die heutige Türkei, i. 282 †; Im ewigen Eis, iii. 116 †; Au Pôle Nord, iii. 192 †; America, by Pen and Pencil, v. 241 †
 Hellwig, Dr., ascent of Saddle Mountain, New Guinea, xi. 607
 Helmersen, G. von, Geology and Physical Geography, etc., v. 108 †; Beiträge zur Kenntniss des Russischen Reichs, etc., viii. 208 †
 Helms, L. V., Pioneering in the Far East, etc., iv. 184 †
 Helmund river, i. 246, 727, ii. 550, vi. 663; basin of the, authorities for the geography of, i. 200; Markham on, i. 191*; course and length of, i. 195; Holdich's notes on, vii. 160
 Helmann, Dr., report on the Eighth International Congress of Americanists, xiii. 43
 Henard, M. Ch., presentation of his "Cosmographische Methode," v. 562
 Henard, M. Ch., i. 90
 Henderson, A., Palestine, vii. 195 †
 Henderson, Capt. W. H., on south-eastern New Guinea, ix. 81, 86
 Henderson, Mr., station at Majuro Island, vii. 557
 Hennebert, Prof., on the Pass of Hannibal, viii. 642
 Hennessey, H., on the Physical Structure of the Earth, xiv. 730 †
 Henning, Capt., on China and Korea, ix. 56
 Henriel, Dr., journey in Transvaal, West Africa, x. 309; Das Innere Transvaal und Meine Afrikareise, 1887, x. 476 †
 Henriot, M. J., Annual Directory of the Ottoman Empire, iv. 565
 Henrietta island, Arctic Sea, iv. 376
 Henrietta Naamith glacier, viii. 160
 Henry, B. C., explorations in the Island of Hainan, ix. 378; Ling-Nam, or interior views of Southern China, etc., viii. 474 †

- Henry, Dr., on Pratt's journeys to Ta-tsiensiu, xiii. 342
- Henry Forbes Mount, Owen Stanley range, height of, xi. 606
- Henry Mountains, Utah, Gilbert's survey of, i. 797
- Henry Reid Bay, New Britain, iii. 88
- Henshaw, H. W., Perforated Stones from California, x. 478†
- Herald island, Arctic Ocean, iii. 732
- Herald islets, Kermadec islands, x. 317
- Herat, Grodekof's survey from the Oxus to, i. 387; plan of the fort of, ii. 77; railway to, Lessar's projected, v. 18; possibilities of a, viii. 149, 150; routes to, from Merv and the Caspian, v. 4, 6; town of, vii. 276, 285, viii. 147-149; valley of, and the Persian border, Stewart, viii. 137*; luxuriance of the, viii. 149, 153; The Granary and Garden of Central Asia, Malleton, ii. 200†
- Herbert, C. E., map of the State of Sonora, vii. 413†
- Herdubreid, mt., Iceland, iv. 143, 144
- Herendeen, Capt. L. U., on prehistoric structures in Micronesia, vii. 385
- Herero land, explorations in, Schenck, xi. 183, 184; Schinz, viii. 650; map of, xi. 322; coasts of, vii. 200, 352
- Herjulsnaes, Greenland, v. 295
- Herodotus on the Jaxartes, i. 161
- Hertfordshire, Archaeological Survey of, Evans, xiv. 722†
- Hertha, Zeitschrift für Erd- Völker- und Staatenkunde, vii. 696†
- Hertslet, Sir E., collection of Treaties, etc., subsisting between Great Britain and Foreign Powers, viii. 281†; *id.*, Commercial, and other State papers, Indices to, viii. 281, 283†
- Hertz, M. Ch., new general work on geography, i. 396
- Herveo, volcanic centre of, Colombia, v. 250
- Hervey, M. H., Dark Days in Chile, xiv. 428†
- Herzogovina, special place and river map of, Artaria & Co., iv. 327
- Hess, H., Illustrierter Führer durch die Zillerthaler Alpen, etc., ix. 711†; Special-Führer durch das Gesäuse, etc., xiii. 635†
- Hessels, J. H., Ecclesiæ Londino-Batavæ Archivum Tomus Primus (Ortelii epistolæ, etc.), edited by, x. 256†
- Hesse-Wartegg, E. von, Nord-Amerika, Seine Städte und Naturwunder, i. 78†, ii. 201; Mississippi-Fluss, iv. 122†; Tunis: the land and the people, v. 51†; Der See von Tunis und die Eisenbahn von Valencia nach Puerto Cabello (map), x. 812; observations on Lake Valencia, Venezuela, x. 795
- Heth and Moab, Conder, v. 742†
- Hetherwick, Rev. A., on the Mang'anja and Yao tribes, ix. 114; Journey to Lake Namaramba, x. 25*
- Hettner, Dr. A., Die Sierra Nevada von Santa Marta, vii. 408†; Reisen in den Columbianischen Anden, x. 604†; results of journey in the same, xiv. 850; ... and Bolivia, xii. 291, 382, 383, xiii. 47
- Hetzfel, G., Plan von Leipzig, ix. 850
- Heuglin's "immeasurable lake," v. 36
- Heyd, W., Geschichte des Levantehandels im Mittelalter, i. 809†
- Heyes, J. F., the Recognition of Geography, x. 53†; Aspects of Imperial Federation, *ib.*
- Heyfelder, Dr. O., Transkaspien und seine Eisenbahn, x. 106†
- Hickson, S. J., A Naturalist in North Celebes, xii. 181†
- Hiern, W. P., xii. 614
- Highlands and Islands, the Northern, Baddeley's Guide to, v. 430†
- Highman, T., geography and atlas of the British Empire, i. 752
- Hikwa, Lake. See Rukwa.
- Hilber, on changes in the sea-level, xiv. 639
- Hildebrand, Prof., on the earliest Indo-European races, vi. 164
- Hildebrandsson, H. H., Les Orages dans la péninsule Scandinave (in part), x. 538†
- Hildebrandt, Dr., explorations in Madagascar, ii. 268, 519, 520, iii. 112, 372; journey to Mount Kenia, iv. 747
- Hillhouse, Mr., journey up the Cuyuni, iv. 695
- Hilisat, Southern Persia, v. 147
- Hill, Gray, With the Beduins (Syria), xiii. 53†
- Hill, G. B., Col. Gordon in Central Africa, iii. 504†
- Hillier, W. C., journey in North China, i. 517
- Hills, General J., on Geographical Results of the Afghan Campaign, iii. 77*
- Hill-towns, or cities of refuge in Korea, viii. 297
- Hilscher, A., Wandkarte des Kreises Pohn, ii. 591
- Himalayan District of the N.W. Provinces, Atkinson, ix. 586*
- Himalayan Journals, Hooker, xiv. 340†
- Himalayas**—
- Ascents in the, Graham, vi. 68, 69, 429*
- Climate and Distribution of disease in the districts of the, Macnamara, ii. 459†
- Exploration in the, Conway, xiv. 178, 468, 557, 631, 704, 753; Décluy, ii. 124; difficulties of, vi. 483
- Geology of the Central, Griesbach, xiv. 196†
- In the, and Indian Plains, Gordon-Cumming, vii. 53†
- Mountain climbing in the, v. 604
- Mountain Systems of the, Godwin-Austen, v. 613*, vi. 83*
- Our present knowledge of the, Tanner, xiii. 403*

Himalayas—continued—

- Photographs of the, Johnston and Hoffmann, xi. 404, xiv. 204
 Railway to Darjiling in the, iv. 508
 Rarefied air in the, effects of, vi. 434, 435, 445
 Snow peaks of the, Tanner, vii. 752
 Topographical survey in the, vi. 445
 Trade route, the, on the, vi. 170 †
 Height of, viii. 724
 Lushington, L. W., obituary of, iv. 424
 Hind, Professor, journey in Labrador, x. 191; on the prairie fires of N. America, xiv. 84, 86, 91, 94
 Hindu-Koh (Sport in the Himalayas), Macintyre, xi. 749 †
 Hindu Kush, i. 38, 110, *et seq.*, iii. 71, 72; Dauvergne's explorations in the, xii. 45, 96, 233, 567; passes of the, i. 111, 114, 121; Tribes of the, Biddulph, iii. 318 †
 Hinman, Russell, on the source of the Mississippi, viii. 652; Eclectic Physical Geography, x. 671 †
 Houghton, H., v. 15 and *note*.
 Hippisley, Mr., on the population of China, v. 443
 Hirsch, A., Nivellement de Précision de La Suisse, ii. 655 †; Comptes Rendus de l'Association Géodésique Internationale, 1891, xiv. 810 †
 Hirschfeldt, Prof. G., archæological expedition to Eastern Bithynia, iv. 568; Fortschritte in der geographischen, etc., Kenntniss der alten griechischen Welt, xiii. 53 †; on the teaching of geography, xiii. 434
 Hirschwald, Dr. J., Geologische Wandkarte von Deutschland, i. 348
 Hirst, W. C., obituary of, i. 217
 Hirth, Dr. F., China and the Roman Orient, etc., vii. 693 †; on the ancient commercial relations of the Chinese with the West, xi. 119
 Hislop, S., Missionary in India, Smith, xi. 55 †
 Hispar glacier, Karakoram, xiv. 631
 Hissar, town of, viii. 37; Oshanin's expedition to, i. 64, ii. 573
 Historic Towns, Cinque Ports, Burrows, xi. 52 †
 Historical Atlas, K. Johnston, xiii. 511; (Public Schools), Colbeck, vii. 272; Spruner-Bretschneider, vii. 270
 Historical-Geographical Atlas, Spruner, iii. 128; Vidal-Iablache, xiii. 136; Dictionary of the German Middle Ages, Oesterley, v. 109 †
 History of the Age of Discoveries, Ruge, iii. 638 †
 Hitchman, Francis, Life of Sir R. F. Burton, x. 111 †
 Hittites of Asia Minor, vi. 324
 Hiyaheleh or White Huns, vii. 579, 580
 Hjarne, Dr. H., on Russians as a colonizing people, v. 362
 Hildanamar, mud springs of, Iceland, iv. 136
 Ho river, China, i. 494
 Hoang-ho river, iv. 616, v. 104, 237, 442, vii. 170, ix. 227, 228
 Erratic tendencies of, ii. 164
 Explorations of, and visit to new course, i. 127, ii. 145 *
 Overflow of, Oxenham on, x. 535
 Source of, vii. 170
 Upper, Prejevalsky's visit to, ii. 697
 Hobart Town, Account of, and Tasmania, Prince Ludwig of Austria, ix. 522 †
 Hobday, Major, surveys in Upper Burma, ix. 308, 575, 576, x. 452, xiii. 173, 362, 402
 Hobley, Mr., explorations of Tana river and Mt. Kenia, xiv. 532, 533
 Hobson, Mr., on the Trade Routes from Bengal to Tibet, i. 682 *
 Hobson-Jobson, Glossary of Anglo-Indian terms, Yule and Burnell, viii. 404 †
 Hoche, Jules, Les Pays des Croisades, ix. 316 †
 Hochstetter, Dr. F. von, journeys in New Zealand, vi. 57, *et seq.*; death of, vi. 666
 Hock, Dr. J., Nahrungspflanzen Mitteleuropas, etc., xii. 702 †
 Hodayu well, Somaliland, vii. 63
 Hodeida, vii. 459, ix. 480.
 Hodgkinson, W. C., Back Grant awarded to, vii. 478
 Hodgson, B. H., on the name of Mount Everest, viii. 88, 177
 Hodgson, Mr., on the rainfall of Humboldt Country, N. America, xi. 506
 Hodister, M., explorations in the Congo Basin, xiii. 37, 393
 Hodja-med, Turkistan, iv. 494
 Hoernes, Dr. Moriz, Cultur und Landschaftsbilder aus Bosnien und der Hercegovina, x. 250 †
 Hoeven, Mr. Pruys van der, explorations in Sumatra, i. 770
 Hoffman, Mr., expedition to N. E. of Kan-
 11 11 11 11 11, on temperature and currents of east coast of Africa, viii. 767, 768
 Hoffmann, Dr. H., Phänologische Karte von Mittel-Europa, iii. 117
 Hoffmann, Dr. W. G., on Indian rock inscriptions in the United States, viii. 398
 Hoffmann falls, Tana river, xiv. 523
 Hofrat copper-mine, ix. 294
 Hofs Jökull, Iceland, xiv. 847
 Hogarth, Mr., on the passes of the Taurus and Anti-Taurus, xiv. 54, 354
 Hogarth mount, central Australia, xiii. 357
 Hogben, G., Earthquakes in New Zealand, xiv. 563, 575 †
 Hogendorp, Lieut. Count v., exploration of the Nanusa islands, x. 453
 Hozgar mountains, Sahara, xii. 622
 Hohnel, Lieut. von, on Lake Rudolf and its hydrographical connection, xi. 678; explorations in East Africa, xii. 377; with Chanler, xiv. 412, 803; Beiträge zur Geologischen Kenntniss des Östlichen Afrikas, xiv. 810

- Ho-hsi town, viii. 273
 Hoiduthara, Tibet, vii. 71
 Hoi-Hoi or Uighur kingdom, Central Asia, xiii. 210
 Hoi-yang, viii. 306; lava fields round, viii. 305
 Holden, Rev. W. C., the Past and Future of the Kafir races, i. 204 †
 Holder, H. W., explorations in the Caucasus, x. 686, xiii. 389; the peaks of the Bezingi glacier, xi. 359 *
 Holdich, Lieut. Col., the Mardian Hills and Lower Indravati, i. 372 *; new routes to Candahar, i. 729; Geographical Results of the Afghan Campaign, iii. 65 *, 82; on the Kafir tribes, iii. 280 note; on Indian frontier surveys, iv. 691; survey work of, vi. 18, 370; *id.* (Afghan Boundary Commission), vii. 393, 160 *, 273 *, viii. 428, 429, 644, ix. 574, report on, x. 395 †; on the Position of Mashad, vii. 735 *; medal presented to, ix. 311, 452, 453; obituary of Sir Ch. M. MacGregor, ix. 194; African Boundaries, etc., systems of survey for, xiii. 596 *; on the exhibition at the Berne Congress, x. 115; on the orthography of names, xiii. 615; on the names of, xiii. 615
 Holdich, B. F., a view of, Havard, iii. 58 †; Handbook for travellers in, Murray, xi. 252 †; nautical training in, iv. 301; Rainfall of, Engelenburg, xiv. 722 †; Sketches from a tour through, Mahaffy and Rogers, xi. 116 †
 Holland, Mr., ascent of Öræfa Jökull, xiv. 848
 Holland, Rev. F. W., obituary of, iii. 670
 Hollingworth, Mr., on Morrison's journeys in China, ii. 163
 Hollrung, Dr., expedition in New Guinea, viii. 719, x. 34, 600, xi. 412
 Holm, Capt. G., expedition to East Greenland, iii. 50, vi. 344, 538, vii. 245, 386, viii. 50, xi. 318 †; Skizze von König Christian IX. Land, viii. 213
 Holm, Walwyn, photographs in Yoruba country, xiii. 700
 Holm, O., over Nord-
 Holme, B. F., Journey in San Paulo, Brazil, ix. 108 *; in the Interior of Labrador, x. 189 *
 Holmes, W. H., the use of Gold, etc., on the Isthmus of Darien, x. 478 †; Textile Fabrics of Ancient Peru, xii. 707 †
 Holmwood, F., on O'Neill's journey to Lake Shirwa, etc., vi. 655; on the trade of East Africa, vii. 239
 Holm, Mr., Expedition to Melville Island, xiv. 584 †
 Holub, Dr. E., Eine Culturskizze des Marutse-Mambunda Reiches, i. 538 †; career and work of, i. 707; the Victoria Falls, i. 741 †; expedition in S. Central Africa, i. 666, ii. 166 *, 414, 761; on the

- Hore, E. C.—*continued*—
 ii. 692; on its rise and fall, iii. 41; on the Nyasa route to Central Africa, iii. 274; on Lake Tanganyika, iv. 1,* xi. 581,* xiv. 571†; presentation to, by French Government, v. 103; exploration in Central Africa, xii. 376
 Horkand, son of, ancient Indian Ocean, iv. 655
 Hormuz, Persia, xii. 580
 Horn, C. W., vi. 348; French, vi. 560, 562, xii. 706
 Horn Mount, Iceland, x. 307
 Horne, John, A Year in Fiji, iii. 76†
 Horner, Père Antoine, obituary of, ii. 514
 Hörnlman, Herr J., on the depth of Swiss lakes, ix. 686
 Hörom-bé Desert, Madagascar, iv. 536, xiii. 367
 Horowitz, V. J., Marokko, ix. 260†
 Horsford, E. N., John Cabot's Landfall in 1497, viii. 346†; the Problem of the Northmen, xi. 633†; the Discovery of the Ancient City of Norumbega, xii. 641†; its Defences, xiii. 376†; the Landfall of Lief Erikson, xiv. 808†
 Hort, Dora, Tahiti; the Garden of the Pacific, xiii. 571†
 Hort, Mrs. A., *et* Niagarapal, ix. 320†
 Hort, Mrs. A., *et* Niagarapal, ix. 320†
 Host, Alex., Journeys in South Western China, vii. 50, 120, 242, 763, viii. 371*; Three years in Western China, xii. 569†
 Hoskier, V., Et Besög i Grækenland. Ægypten og Tyrkiet, i. 744†; Reise i China, Japan og Indien, iii. 114†
 Hoskyn, Commander, surveys by, v. 275, 597; on coasts of Borneo and Japan, iv. 553; on Indian coasts, xiii. 610; obituary of, xiv. 189
 Hosi Honal, ruins of, viii. 733
 "Hospital" river, Colombia, v. 256
 Ho-tau boat of China, iv. 717
 Ho-tung, Formosa, vii. 12
 Houghton, Lord, on Holub's journey in South Africa, ii. 182; remarks at anniversary dinner, vi. 420, vii. 480; obituary of, vii. 615; Marquis of Lorne on death of, vii. 825
 Houghton, Major, note on, Perrott, ix. 693
 Hourst, Lieut., explorations of the Upper Niger, xiv. 720
 Houssay, F., A Travers la Perse Méridionale, xiv. 723†
 Houtum-Schindler, Gen. A., maps of routes in Persia, v. 749; on the population of Persia, vii. 460; observations at Teheran, vii. 735; Notes on Demâvend, x. 85*; on the Length of the Persian Farsakh, x. 584*; on the new lake between Kom and Teherân, x. 624; travels in S.W. Persia, xii. 553; Notes on the River Kur in Fârs, etc., xiii. 287*; on the Subwans, xiii. 663*
 Hôva tribe, Madagascar, iv. 530, 535, 536, xi. 299, xiv. 742
 Hovgaard, New South Wales, map of, v. 310
 Hovgaard, Lieut. A., memorial on his projected *Jeanette* search expedition, iv. 50; Nordenskiöld's Voyage round Asia and Europe, transl. Brøckstad, iv. 248†; the Dani-h Arctic Expedition, iv. 577†; Arctic expedition of, iv. 333, 376, 499, 549, 607, 754, 768, vi. 167; Karte des Karischen Meeres, vi. 486
 Howard, J. E., Memoirs of W. W. McNair, xii. 184†
 Howard, Lieut., journey across North Alaska, ix. 308
 Howell, E. J., Mexico, xiv. 342†
 Howell, F. W., Ascent of the Oræfa Jokul, Iceland, xii. 619, xiii. 612, xiv. 841*; photographs of Scenery in Iceland, xiii. 576
 Howgate, Capt., H. W., the Cruise of the *Florence*, etc., i. 743†; expedition to Franklin Bay, ii. 406, 509
 Howland, O. A., the New Empire, xiv. 63†
 Howorth, H. H., on Prejevalsky's journeys in Central Asia, ix. 230; on James's journey in Manchuria, ix. 567; on Younghusband's journey across Central Asia, x. 517; on Younghusband's journeys in the Pamirs, xiv. 233; on the ruins of Mashonaland, xiv. 305; the Mammoth and the Flood, ix. 784†
 Hrafninnuhrygg, obsidian hill, Iceland, iv. 137
 Hsi Jung on the conservation of waterways in China, i. 718
 Hsun-chow, Southern China, xiii. 256
 Huallaga river, Peru, xiv. 389
 Huancayo river, v. 337
 Huancayo, Peru, xiv. 391
 Huanchaca silver mine, Bolivia, iv. 674, xiv. 709
 Huanchaca river, v. 330*
 Huanchaca river, B., v. 322
 Huanchaca river, Mexico, ix. 568, 570, xi. 182
 Hubbard, G. G., South America, xiii. 376†
 Hübner-Schleiden, W., Ethiopien, Studien über West-Afrika, i. 150†
 Huber, Ch., journey in Arabia, iii. 184, v. 359, 371; medal awarded to, by Paris Society, v. 358; assassination of, vii. 816; Journal d'un Voyage en Arabie, xiv. 569†
 Huber, M., on the Simplon tunnel, ix. 203
 Huber, M. W., on the chief events of the life of Capt. Cook, i. 220
 Hübner, A. von, Ein Spaziergang um die Welt, ii. 713†; through the British Empire, viii. 408; remarks at the dinner to Mr. Stanley, xii. 493
 Hué, Abbé, v. 665, 666; his journey through Tibet, vii. 81, 82; on the Lu river, ix. 363
 Hu-Ch'i Ryeng, Korea, xiv. 150
 Huddersfield and district, contour map of, xiv. 63

- Hudson, Henry, Arctic voyage of, ii. 7; early voyages of, in Hudson's Bay and Strait, x. 551, 552
- Hudson island, xii. 402
- Hudson's Bay**—
Commercial Importance of, etc., Bell, iii. 577 *
- Expeditions to—Bell, iii. 365; Gordon, vii. 462, 542, 747, 819; Report on the same, ix. 717 †
- Navigability of, iii. 584, 585, vi. 299; *id.*, Markham on, x. 549 *; Rae on, x. 653
- New route to N.W. Canada *via* Rae, viii. 728
- Report on, Bell, iv. 517; on the topography and geology of, *id.*, vii. 341
- Hudson's Bay Company, trade of, with the Chipewyans, v. 650, 652; in Labrador, x. 204
- Hudson's Strait, ice floes in, x. 561, 565
- Hudson, T. S., A Scamper through America, v. 49 †
- Hudson, W. H., the Naturalist in La Plata, xiv. 504 †
- Huelva, Columbus celebrations at, xiv. 700, 797, 854
- Hügel, Baron von, on Macgregor's ascent of Owen Stanley range, xii. 221
- Hughes, Alfred, Geography for Schools, Part I. Practical, x. 112 †
- Hughes, Major W. G., the Hill Tracts of Arakan, iv. 322 †
- Hughes, Prof. McKenny, on geographical education, viii. 119, 201, 203
- Hughes, Rev. W., Dark Africa and the Way Out, xiv. 571 †
- Hughes, W., and J. F. Williams, the Advanced Class-book of Modern Geography, xiv. 577 †
- Hugli river, India, xiii. 275
- Hugo, L., on graphical statistics, vi. 45, 46
- Hugues, L., Sul nome "America," † viii. 672, x. 742; Il Quarto Viaggio di Amerigo Vespucci, viii. 749 †; Guida per l'insegnamento della Geografia, x. 53 †; di alcuni nomi giulizi intorno ad Amerigo Vespucci, xiii. 741 †
- Hui-hsien, town, Kansu, iii. 491
- Huilla, South-West Africa, v. 462, 469
- Hui-lung-ch'ang town, viii. 377
- Hujjala, Yemen, ix. 481
- Hukong valley, Upper Burma, xi. 198
- Hulan, town, Manchuria, ix. 236, 352
- Hulbuk, Turkestan, vi. 503
- Hull, Commander, on Temple's voyage on the coasts of Norway and Lapland, ii. 287; on the probable position of the *Jeannette*, iv. 56
- Hull, navigation schools in, iv. 303, 307
- Hull, Prof. E., geological survey of Eastern Palestine, v. 675; the Survey of Western Palestine, viii. 343 †; Mount Seir, Sinai, and Western Palestine, ix. 259 †; Sketch of Geological History, x. 255 †; Text-book of Physiography, xi. 192 †
- Hult, Dr., physical geography observations in Finland, viii. 337
- Humann, K., on the Aëropolis of Pergamos, iv. 568; Reisen in Kleinasien und Nord Syrien, xii. 703 †
- Humba hills, East Central Africa, v. 585, 589
- Humbé, South-West Africa, v. 466
- Humboldt bay, New Guinea, v. 513, vii. 174, 182
- Humboldt country, North America, Hodgson on the rainfall of, xi. 506
- Humboldt, labours on the laws of distribution, iii. 599; positions of places in South America, xiv. 126; on Vespucci's alleged first voyage, xiv. 609
- Hümeh of Shiraz, xiii. 291
- Humpata, South-West Africa, v. 462, 469, 660; Boers at, iii. 588, vii. 174, 182
- Humphery, Mr., on the mode of passing the tsetse fly belt, iii. 14; remarks on "Temperate South Africa," iii. 18
- Humphreys, General, death of, vi. 161
- Humphreys, Mr., survey of the Rio Dôce, x. 84
- Humphries, T., account of the Waitomo caves, New Zealand, xi. 736
- Hunan province, China, ii. 158; coalfields of, ii. 159, 160
- Hun-Chiang river, Manchuria, ix. 539
- Hunchun town, Manchuria, ix. 557, 558
- Hundes, Himalayas, v. 616, 619, 620; Ryall's Surveys in, i. 444 *
- H. P. Die Völker des Ural und ... xi. 186 †
- H. ... at the Venice Geo- ... iii. 752
- Hungary**—
And its People, Felbermann, xiv. 806 †
- Atlas, county, of, xiii. 380
- From the Adriatic to the Danube, Tissot, v. 49 †
- Maps of:—ii. 272; administrative (wall), Hátsek, vii. 492; ethnographical, vii. 198; places and rivers of, Steinhäuser, iv. 519, 579, vii. 697, ix. 592; statistical, v. 51; (wall) Berghaus and Günczy, v. 308
- Preservation of, from Inundations, Lanfranceschi, iv. 440 †
- Hung Miotza. *See* Urumtsi.
- Hunias tribe, i. 446, 451
- Hunnewell, J., Voyage of the *Missionary Packet*, Boston to Honolulu, 1826, ii. 712 †
- Hunter, G., ascent of Owen Stanley range, ix. 621, 767
- Hunter, H. C. V., xii. 136
- Hunter, Major F. M., report on the province of Harrar, vii. 121
- Hunter, Sir W. W., xiii. 296; Statistical Account of Assam, ii. 391 †; Imperial Gazetteer of India †, iii. 440, 574, x. 48
- Hunza, Central Asia, iv. 548; state and tribes of, xiv. 34, 205, 222, 768
- Huon gulf, New Guinea, ix. 309; mountains at, vi. 203
- Hurgrouje, Dr. C. S., on his six months' residence in Mecca, ix. 257; Mekka, mit Bilder-Atlas †, x. 736, xi. 313, xii. 186

- Hurku hills, Mongolia, x. 493, 494
 Hurlbert, J. B., physical atlas, iii. 447
 Hurricanes, map of the, of the two hemispheres, v. 51
 Hurtig, A., Plan von Prag und Umgebung, ix. 592
 Huson-More, James, obituary of, v. 388
 Husum Ikdir, Persia, v. 60
 Huthinson, Ed., account of explorations in Victoria Nyauza region, i. 135, 136; of the ascent of the Binuë in 1879, ii. 289*; Remarks on Comber's Explorations in the Cameroons, i. 239†; on Laws' journeys west of lake Nyassa, i. 322; on Holub's journey in South Africa, ii. 181; on King Mtesa's envoys, ii. 385
 Hutley, W., account of Uguha, Central Africa, iii. 221
 Hutton, J. F., on Hallett's survey for a railway between India, Siam, and China, viii. 20
 Huxley pinnacle, Owen Stanley range, xii. 559
 Huxley, Professor, speech at anniversary dinner, v. 425; the Aryan Question and Pre-Historic Man, xiii. 59†
 Huyssen, Herr, on internal heat of the earth, xi. 378
 Hvítá, Greenland, v. 295
 Hvítá river, Iceland, iv. 134
 Hwang-ju town, viii. 299, 301
 Hyades, Dr., on the language of the Fuegians, vi. 423
 Hyaina province, Morocco, xiii. 167
 Hyderabad, Journals kept in, Temple, ix. 393†
 Hydrographers, international congress of, Ryder's proposal for, iii. 138
 Hydrographic Department of the Admiralty, summaries of the work of, iv. 557, v. 601, viii. 434, 435, x. 417, 418, xi. 416
 Hydrography, Memoirs of, Dawson, vii. 409†
 Hydrography of South-Eastern Tibet, the, Walker, x. 577*
 Hyères, Ancient and Modern, Denis, iv. 440†
 Hygap river, S. Africa, vi. 20
 Hyland, J. S., Über die Gesteine des Kilimandseharo, xi. 188†
 Hypso-thermometers, M. Saveleiff on the substitution of, for mercurial barometers, xi. 179
 Hyvernât, H., Du Caucase au Golfe Persique, xiv. 724†
- I
- Ibadan, Yoruba country, xiii. 582, 583
 Ibaka, King. Congo river, v. 579, vii. 360
 Ibañez, Ibañez de Ibero, Mapa topográfica de España, iv. 447
 Ibari-Nkutu river. See Kwango.
 Ibenga river, tributary of Mobangi, xi. 330
 Ibero-American Congress at Madrid, xiv. 407
- Ibi, Benue river, xii. 458
 Ibn Arak, Mohammed, ii. 81, 82
 Ibn Batuta, journeys of, in Asia, x. 207
 Ibn Khallikan on the Sabaeans, xiii. 644, note
 Ibo tribe, West Africa, x. 758, 761
 Ibrahim-Hilmy, H. H. Prince, the Literature of Egypt, etc., viii. 276, x. 545
 Ibrahimiyah canal, Egypt, ix. 614
 Ice and Snow, Contributions on the Geography of, xiv. 267†
 Ice Age in North America, its bearings on the antiquity of man, Wright, xii. 302†
 Ice-caps in Grinnell Land and Greenland, viii. 161, 162
 Ice Cavern in Eastern France, Martel's exploration of, xiv. 467
 Ice Fiord, Spitzbergen. Swedish meteorological station at, v. 378, 554
 Ice-Pack and Tundra, Gilder, v. 307†
 Ice, the Sea of, by Jules Leclercq, v. 48†
 Iceland—
 Across, by the Sprengisander route, Peck, iv. 129*
 Ancient map discovered by Norden-skiöld in, v. 473, 556
 And the Faeroe Islands, Labonne, xi. 52†
 And New Zealand, hot springs of, Peck, v. 667
 Askja, Iceland's Largest Volcano, Lock, iii. 471*. iv. 387†
 Central, the lava desert in, Thoroddsen, vii. 617
 Discovery of America from, History of, Reeves, xiii. 127†
 Former vegetation of, Feddersen on, ix. 192, 255
 Geographical features of the Coast of, v. 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000
 Geological map of, xiv. 199
 Guide to, Lock, iv. 388†
 Ice off, in 1882, iv. 498
 Irminger current off, vi. 570
 Journeys in, Keilhack, vii. 403†; Labonne, ix. 52; Thoroddsen, viii. 789, x. 306, 792, xi. 735, xii. 752
 Lava flood from Askja in, Lock on, iii. 741
 Map of, tourists', Brine, iii. 382
 Nature of, and its influence on the population, Keilhack, viii. 402
 Observations on volcanic eruptions and earthquakes in, etc., Boehmer, viii. 747
 Orœfa Jökull of, xiv. 841
 Photographs of, Howell, xiii. 576; of South-West, Ferryman, xiii. 700
 Summer travelling in, Coles, iv. 513†
 The Land and the People, etc., Dr. Keilhack, vii. 403†; *Id.*, Poestien, vii. 765†
 Two Journeys in, Thoroddsen, xiv. 867†
 Volcanoes of, Historical account of, Thoroddsen, iv. 701†
 Icelandic ridge, geological structure of the, xiv. 619

- Ichowra mission, vii. 498, 523
 Ichumundu hills, E. Africa, iv. 482
 Iconium (Konieli), Asia Minor, vi. 307
 Içumia river, South America, ii. 770
 Icy bay, Alaska, ix. 271, 276
 Idalia river, Cyprus, xi. 708
 Iedina, Lieut. L. von, *An Asien's Küsten und Fürstenhöfen*, xiii. 440 †
 Igbindo, West Africa, xiv. 458
 Igi Chaidam, Tibet, vii. 83
 Ignalata mountain, xiv. 127
 Ignatief, J. V., expedition in Central Asia, ix. 54, 425
 Ijebu Ode town, West Africa, xiii. 581
 Ijo tribe, West Africa, x. 760, 761
 Ijerman, J. W., the Temples of Java, xiv. 729 †
 Ikatta or Lukatta river, viii. 636
 Ikelemba river, W. Africa, v. 605, vii. 456
 Iko-Morut, West Africa, x. 437
 Ikongo mountain, Madagascar, iv. 525
 Ikopa river, Madagascar, xiv. 744
 Ilala district, vii. 834
Ilala, the, steamer on lake Nyasa, v. 32, 691
 Ilek-Daria river, i. 65
 Ilesha country, West Africa, x. 321
 Iletzsk, salt mines of, Woekoff on, xi. 110
 Ili, road to, xii. 78, 79
 Ili river, Kuldja, ii. 493; valley of the, vegetation of, ix. 426
 Iliniza mountain, S. America, xiv. 128
 Ilios. *See* Troy.
 Ili-su or Kurbu pass, Turkestan, xiv. 781
 Iliyát tribe, Central Asia, v. 139, 714, xii. 525, 582
 Iljin, M., journey in the Caucasus, vii. 595; on its mountain scenery, *ibid.*
 Ilkhani of the Bakhtiari, xii. 544, 547
 Illampu peak, Andes of Bolivia, v. 313
 Illecllewaet glacier, Selkirk range, xi. 157, 162, xiii. 554
 Illimani peak, Andes of Bolivia, v. 313, 341
 Illinois, Rand McNally & Co's. map of, xii. 56
 Illyne, A., Oro-hydrographical map of Russian Europe, i. 154
 Ilopango. Lake of, Study of the Phenomena in, Rockstroh, ii. 710 †
 Ilorin, West Africa, iii. 31, 36, xii. 599
 Imak tribe, i. 200
 Imam Ali Asgar, shrine of, Afghanistan, vii. 608
 Imam Rega Dome, position of, vii. 737
 Imandra lake, Lapland, ii. 595, viii. 48
 Imbault-Huart, C., *Recueil de Documents sur l'Asie Centrale*, iii. 247 †
 Imbert, P., journey to Timbuktu, iii. 316
 Imbok, British North Borneo, Mausoleum at, x. 6
 Imerina, Province of, Madagascar, Sibroe on, xiv. 737 *; its general aspects and geological nature, xiv. 742, 743; sketch map of, Grandidier, iii. 120
 Imhaus, E. N., *Les Nouvelles-Hébrides*, xii. 438 †
 Iminiféri natural bridge, Morocco, xi. 6
 Imintanüt, Wad, Morocco, xi. 14
 Im-jin-gang river, viii. 298
 Imoagola, New Guinea, xiv. 863
 Impakwe river, Mashonaland, ruins at, xiii. 15, 17
 Impalera island and town, Chobe river, iii. 210
 Imperial Institute, year book of the, xiv. 810 †
 Imperial Mausolea, East of Peking, Journey to, Bourne, v. 23
 Im Thurn, E. F., among the Indians of Guiana, v. 745 †
 Inagaki, M., Japan and the Pacific, etc., xii. 436 †
 Inagu hills, East Africa, vii. 437
 Inca, the Land of the, etc., Falb, iv. 773 †
 Incas of Peru, xiv. 396
 Inchiki river, Tibet, ix. 736
 Inclan, J. S., *Tratado de Topografia*, i. 814 †
 Incomati route to the Transvaal, ix. 497, 501
 Inewadi Yami, or Twenty Years in South Africa, Matthews, x. 476 †
Indefatigable nautical training college, iv. 310
 Independence bay, xiv. 698
 Index charts, Indian Government Surveys, vii. 59
 Index maps, ordnance survey, vi. 108, 360
 India [*see also* Indian]—
 Ancient, as described by Ktésias, McCrindle, iv. 443 †; by Ptolemy, *id.*, vii. 766 †
 Archæological survey of, xiii. 238, xiv. 341; Index to the Reports of, Smith, x. 474 †; record of, Burgess, xi. 393 †
 Armies in, map showing positions of, Schuler, xiv. 733
 Art manufacture of, Mukharji, xi. 631 †
 Atlas of, Trelawney Saunders, xi. 523; *id.*, statistical, ix. 729; by Survey Department, v. 502
 British, area of forests in, vii. 668
 Carriage, etc., by canal and rail, cost of, viii. 696, 697
 Caste in, Wilson, ix. 62 †
 Census of, 1891, xiv. 369; provisional totals of, xiii. 611
 Central Provinces of, Report on, Mackenzie, xiii. 303 †; population of, xiii. 612
 Climate of, Guide to, Blanford, xi. 509 †; influence of forests on, *id.*, ix. 191
 Commerce of, x. 656, *et seq.*
 Cyclopædia of, Balfour, viii. 209 †
 Dawn of British Trade to, Stevens and Birdwood, ix. 180 †
 Deserts of, compared with those of America and Africa, Walther, xiv. 180
 Diamond mines, ancient, in, Ball's identification of, ix. 98, 610
 Epizaphia Indica, ed. Burgess, xi. 393 †
 Europeans in, xi. 118

India—continued—

- Report on, 1889, xiii. 303 †; Statistical Account of, Atkinson, iv. 388 †
Office, *Canton*, x. 804 †; *London*, x. 804 †; *Paris*, x. 804 †; *St. Petersburg*, x. 804 †; *Tientsin*, x. 804 †; *Yokohama*, x. 804 †; *Zoo*, x. 804 †
Pendulum observations in, vii. 686, 688
Picturesque, *China*, xiii. 53 †
Progress and Condition, Moral and Material, Statements on the, with maps †, viii. 134, xi. 749, xii. 703
Railway Connection with Siam and China, Survey for, Hallett, viii. 1 *
necessity of, x. 737
Routes to Candahar from, Biddulph, ii. 212 *; to China, Lepper, iv. 623
Sketches of a Journey in, Véreschaguine, iv. 773 †, viii. 344
Sojourn in, Sarbadhicary, xiii. 239 †
Southern, Archæological Survey of, x. 48 †; Journey to the Auriferous Quartz Regions of, Anderson, ii. 199 †; Life and Sport in, Drury, xii. 637 †; Missions in, Mullens, ix. 6 †; Physiography of, Branfill, vii. 719 *; River Systems of, Rundall, viii. 681 *; Tour in, Aynsley, v. 368 †
Survey of, Account of the Operations of, Walker, etc. †, i. 811, ii. 521, iii. 442, v. 743, ix. 518, xi. 54, xiii. 303, xiv. 425; difficulties of, vii. 680, 681; Explorations by A—K, vii. 65 *; in Western Tibet, i. 444; frontier surveys, Holdich on, iv. 691; geographical operations of, vii. 691; maps, i. 156, 223, 412, 541, 613, 748, ii. 75, 330, 526, iii. 118, 252, 383, 444, 511, 699, iv. 185, 450, 579, 708, v. 116, 247, 502, 684, vi. 108, 303, 757, vii. 58, 350, 623, 836, viii. 214, 607, 807, ix. 138, 266, 527, x. 57, 401, 674, 746, xi. 194, 400, 577, 757, xii. 309, 368, 507, 644, xiii. 192, 445, 572, 744, xiv. 200, 508, 813, 880; Memoir on, Black, xiii. 737 †; native explorers of, vii. 70, 80, 86; programme for 1887, ix. 116; progress of, xiv. 705; reports on, ii. 420, iii. 399, iv. 340, v. 383, 384, viii. 427, ix. 574, x. 650, xii. 385, xiii. 401, xiv. 381; *id.* Walker, etc. †, i. 478, iii. 693, v. 368, vi. 749, xi. 567; Abstracts from the same †, i. 344, ii. 70; Sketch of, James, i. 730 †; spirit-levelled heights by the, ix. 459, xi. 55; summary of work, vii. 677, x. 421; Synopsis of the Results of the, Walker, etc. †, iii. 319, iv. 170, 607, x. 176, xiv. 425; Systems of, *Appl. to Africa*, Holdich, vii. 691; *geographical*, viii. 720; *trans-frontier* surveys, viii. 427; *trigonometrical*, vi. 593, vii. 684; Walker on the Work of the, vii. 675 *
Tea-producing districts in, map of, Lindr, ii. 333
Tidal observations in, Baird, i. 455

India—continued—

- Tours in, Connemara †, xi. 631, xii. 244; In the Panjāb and Rajputana, Garrick, x. 473 †
 Trade-route, new, between Persia and, xiv. 123
 Travels in, *See* *Travels in the East*, i. 810 †; *Travels in the East*, i. 46 †
 Voyage to, Brassey (in the *Sunbeam*), xi. 190 †; Tissandier, xiv. 877 †
 Work on, Strachey, xi. 56 †
 Yule's work in, xii. 109–112

Indian—

- Archipelago. *See* Malay.
 Coasts, lighthouses and lightships on, Carrington, i. 274
 Elephants for use in Africa, i. 705
 Exhibits at the Venice Geographical Congress, iii. 753
 Forest school and survey, Bailey on, vii. 748, 749
 Marine surveys, v. 599, xiii. 610, xiv. 379; Charts, i. 751, ii. 80, 207, 335, 719, iii. 125, 446, 703, iv. 191, 328; Markham on, i. 736; new steamer for, i. 128; of Nicobar islands, viii. 719; progress of, 1881, iii. 389; report on, i. 128, 355, ii. 632, iii. 589, v. 600, vii. 45, viii. 435, x. 32, xi. 681, xii. 390, xiii. 228, xiv. 856
 Meteorological Memoirs, Blanford †, viii. 671, x. 474
 Olio, Burton, xi. 54 †
 Schools, atlas for, Stanford, i. 615
 Indian ocean, an atlas showing physical features and trade-routes of, xiii. 747; cyclone tracks in, map of, Meldrum, xiii. 644; development of coast lines of, xiv. 655; meteorological charts of, xiii. 747; surveys in, v. 596; xiii. 398
 Indians of Bolivia, xii. 673; of Labrador, x. 190, 201; of Vera Cruz, Aboriginal, Baker, ix. 568*; rock inscriptions by, in U. S., Hoffmann on, viii. 398
 Indiarubber, etc., Company, soundings taken by, ix. 653 †; production of the Amazons, viii. 514; variety of, grown in the Amaru-may, *See* *Travels in the East*, i. 46 †
 Indies, East, atlas of Dutch possessions in, viii. 415; explorations in, intended, x. 246; Ten Kate, xiv. 469; general map of, Lerne, i. 816; Languages of, Sketch of, Cust, i. 76 †
 Indies, the Natural and Moral History of, Acosta, edit. Markham, ii. 459, 709; the Normans and the Route to, Gravier, ii. 713 †
 Indin, Upper Burma, xi. 212
Indo-China—
 Colonization of, Chailley-Bert, xiv. 868 †
 Eastern, map of, De Rhins, iii. 443
 Expeditions in, iv. 235; French, iv. 239; Neis, vi. 350
 French, Lanessan, xi. 512 †; French work in, iv. 644

Indo-China—continued—

- Inscriptions from, Harmand's collection of, ii. 267
 Map of, Deloncle, xiii. 61
 Miscellaneous Papers Relating to, xi. 393 †
 Missions in, map of, G. C. L., i. 613
 Notes on, Tremlett, ii. 569
 Rivers, mountains, and climate of, viii. 2, 3
 Société Indo-chinoise de France, Bulletin of, de Croizier, viii. 671 †
 South-west, Pavie's itineraries in (map), vii. 493
 Sotironis of Lefebvre, viii. 671 †
 Yule on, ix. 762
 Indo-European races, earliest, Hildebrand on, vi. 164
 Indo-Mediterranean railway routes, proposed, Blunt on, i. 685
 Indonesien (Malay Archipelago), Bastian, vi. 424 †
Indo-China, ix. 21, 22
Indo-China, India, Holdich on, i. 372*
 Indus river, iv. 616, v. 611, 615, 618, 620, vii. 705, *et seq.*; xiii. 406, 407, 416; Highway from, to Candahar, Temple, ii. 529*; route to Gilgit *via* the, xiv. 705; to the plains of Pishin, from the, ii. 241
 Indyanudge and Ingalulu channels, Sabi delta, v. 273
 Inanish, Cape Breton, Portuguese settlement at, vii. 36
 Ingany tribe, vi. 249
 Inglefield, Captain, Arctic voyage of, viii. 157
 Ingo position; sketch map of the, Boyle, iii. 768
 Ingol, lake, Medico-Topographical and Chemical Researches on, Zalesky, xiv. 260 †
 Ingoye, forests of, Zululand, xiii. 433, 434
 Ingram, W. H., obituary of, x. 423
 Ingur river, Suanetia, x. 327
 Inhambane to the Limpopo river, E. H. Richards' journey from, vii. 381
 Inhabitation, viii. 507
 Inhabitation, French Guiana, xi. 110
 Inkimba men, West Africa, ceremonies of the, v. 572
 Inn valley, Investigations as to the Snow-Limit in the District of, Maurilaun, x. 395 †
 Inuit race, the, iii. 569
 Ino Tadayoshi on the variation of the compass, ix. 90
 Insabang, Gold Coast, v. 38
 Inskip, Rev. R. M., obituary of, xiii. 232
 Instruction in Practical Astronomy, Navigation, etc., Markham on, iv. 296*
 Instruments, grants of, to travellers, 1882, iv. 429
 Insuaim, Gold Coast, v. 38
 Insulinde, A Naturalist's Wife in the Eastern Archipelago, Forbes, ix. 778 †

- International:—Association, *see* African; *Colonial Review*, new journal, vii. 543; Geodetic Association, Reports of the, x. 807†; Geological Congress, fourth, x. 40; Polar Observations (Austrian, German and Russian) †, ix. 263, 522
- Interoceanic canal. *See* Panama and Nicaragua.
- Investigator*, H.M.S., Indian marine surveys, x. 32, xiii. 228, 610
- Inwards, R., the Temple of the Andes, vi. 609†
- Inyak island, Delagoa Bay, ix. 500
- Inyamwanga, ix. 500
- Inyati, W. Africa, ix. 500
- Inyatsu, ix. 500
- Inyazui river, E. Africa, xii. 147, 148
- Inyota, mount, E. Africa, xii. 147, 149
- Ipaivaitani's temple or dubu, ix. 78, 79
- Iporin town, W. Africa, iii. 33
- Ipuji river, Peru, xiv. 388
- Ipurina Indians, Brazil, xii. 241
- Irak Kotul, pass, i. 192, 247
- Iran, Karte von, vii. 493
- Irati mountain, E. Africa, iv. 85
- Irawadi river**, iv. 616, v. 160, vii. 88, 292*, (and delta), viii. 483, 484
- Area of its basin, iv. 319
 - Branches of, ix. 365, 369
 - Discharge of, 1869–1879, vii. 298; compared with the Mississippi's, vii. 297
 - Journey from, to the Yang-tsze, Soltau, iii. 493
 - Origin of name of, iv. 762
 - Rainfall, at its sources, ix. 37, 38
 - Report on the, Gordon, ii. 390, 521†
 - Route to China *via* the, viii. 1, 4
 - Sources of the, iv. 623, vii. 82, x. 577, 578; Gordon on, iv. 559, vii. 292*; Hallett on, iv. 317; Sandeman on, iv. 257*; Walker on, ix. 352*
 - Upper, expeditions to, Barwick, xii. 555; Hobday, xiii. 362; Needham (from Assam), x. 95; Woodthorpe (*id.*), Macgregor on, ix. 19*; survey of, by the Pandit Alaga, iii. 400, 694, 695, iv. 260, 560; map of his route, iii. 640
- Ireland, atlas (pocket) of, Bartholomew, ix. 658; of the counties of, *id.*, iii. 70†; Guide to, Ward (Thorough Guide Series), xi. 53†; map of, tourists', Bartholomew, viii. 478; pocket, Rand, McNally & Co., xiv. 732
- Irendeni hill, E. Africa, vii. 663
- Ireng river, British Guiana, vii. 526
- Iriananana district, Madagascar, iv. 526
- Erbe, M., surveys in Madagascar, x. 649
- Iriber, Western Akim, v. 38
- Irkutsk, section of the Russian Geographical Society at, v. 405
- Irmingier, Admiral, on reported subsidence of one of the Færo islands, vii. 824; obituary of, x. 386
- Irmingier current off Iceland, vi. 570, 572
- Irrguell river. *See* Triguell
- Irving, A., Chemical and Physical Studies in the Metamorphism of Rocks, xi. 636†
- Irving, Lieut. John, reinterment of the remains of, iii. 99
- Isaacs, N., Travels in Eastern Africa, i. 204†
- Isaacson, F. J. W., photographs of the West Indies and Venezuela, xiii. 644
- Isaksen, Capt., on the probable position of Mr. Leigh Smith, iv. 42; result of journey to Nova Zembla, v. 97
- Iganga falls and station, Congo river, iii. 558, 554, v. 287, 573, 698, 699, vi. 186, 187, 624
- Ishjorn*, Arctic voyage of the, ii. 17, iv. 38
- Ischalup, or Band-i-Satena mountain, vii. 564
- Ischia island, topographical map of, v. 683
- Ischl and Hallstadt, map of neighbourhood of, viii. 805
- Iseyin and Ishagu, West Africa, xiii. 585
- Isheklî, latitude of, x. 162
- Iskander river and lake, viii. 35
- Iskardo, v. 615, 620, 623, 625; the ancient Bolor or Bilaur, iii. 312
- Island Life, Wallace †, ii. 713, xiv. 347
- Island Study, Harm, v. 567†
- Ismael Bey, Caucasus, xiv. 174
- Ismailiyeh, rise of land at, xi. 647
- Isobars of the globe in July and January, xiii. 150, 151
- Isochronic passage-charts, construction of, Galton, iii. 657
- Isonzo River, and its relation to the Natisone, Gumprecht, ix. 711†
- Isothermal maps, Supan, vii. 411
- Ispahan, Across Luristan to, Lynch, xii. 533*; alleged discovery of salt lake near, vii. 816; and Shuster, practicability of a line between, v. 125, 126; Wells' journey between, v. 144; trade route between, xii. 523
- Ispinkai valley, ii. 232
- Issarles lake, France, xiv. 556
- Issel, A., Il Terremoto del 1887, in *Annali di Scienze e Lettere*, xi. 52†; Istruzioni, *id.*, xi. 52†
- Viaggiatori, iii. 380†
- Issobo tribe, W. Africa, xii. 606
- Issus, plain of, Asia Minor, vi. 320
- Issyk-kul lake, Russian Turkestan, iii. 161, vi. 585, x. 640, xiv. 784; photographs to illustrate the Seismographic phenomena in the district of, Mushketoff, xi. 404
- Istakhri, v. 715 and note
- Istali, Hindu Kush, i. 118
- Itabira, Serra do, Brazil, xii. 43
- Italian—**
- Antarctic expedition, iii. 659, iv. 547
 - Cartographers, early, xiii. 621, 623
 - Colonies on the Red Sea and Somali Coast, xi. 608
 - Deep-sea explorations in the Mediterranean, v. 489
 - Emigration, Brunialti on, iv. 179; in 1883, map of, vii. 198
 - Exhibits at the Venice Geographical Congress, iii. 750
 - Expeditions into Abyssinia, iv. 547; in Africa, ii. 317, 507, 564, 691, 764, xiv.

Italian—continued—

- 372; to Mount Demavend, v. 169, 170; to the Juba river, xiii. 176; in New Guinea, *Geographical Magazine*, 732; to Shoa, etc., i. 111; *S. A. A.*, etc., map of, xiii. 641
- Geographical Congress of 1892, xiv. 785
- Geographical Society, i. 221, iv. 234, vi. 52
- Government surveys, progress of, i. 724
- Maps of the Middle Ages, Kretschmer on, xiii. 563
- Possessions on the Red Sea, vii. 112, 113; in Africa, xii. 665
- Travellers, Scientific Instruction for, Issel, iii. 380 †
- Italy—**
- Agricultural Condition of, Beauclerk, xi. 313 †
- Annual of the Cartographical Institute of, xi. 575 †
- Atlante della Marina Militare Italiana, vii. 416
- Biographical and Bibliographical Study of, v. 242 †
- Central, Hypsometrical map of, v. 435
- Climate and Geography of, Parola, iii. 502 †
- Fair Italy, Devereux, vi. 424
- Geological map of, Loescher, iv. 328
- Handbooks for Travellers †, Baedeker, v. 367, viii. 402, 533, ix. 315; Murray, viii. 212, xii. 180, xiv. 59
- In Sixty Days, Gsell-Fels, iv. 573 †
- Land and People of, Nissen, vi. 169 †
- Maps of—i. 746; Campiglio, vi. 107; Cerri, vi. 486, ix. 463, x. 321; Istituto Geogr. Militare, v. 51, 500, vi. 303, vii. 697, viii. 213, ix. 265, x. 184, 745, xii. 440, xiii. 60, 444, xiv. 348; Kiepert (physical and political), v. 440; road and political, v. 440; R. Negro, xii. 506; *S. A. A.*, 732; *W. A. A.*, vi. 237
- North, Lérin, xi. 115 †; map of, Michel, vi. 486
- Provinces of, handbooks to, Corti †, xi. 459, xiii. 183, xiv. 566, 865
- Southern, and Sicily, Cities of, Hare, v. 367 †; map of, Kiepert, iv. 328
- Upper, with parts of France and Austria, tourist map of, x. 481
- West Coast of, guide for, Persano, ii. 521
- Itapetininga river, map showing exploration of, Sampaio, xii. 253
- Itapueirú river, viii. 361
- Itasca lake, viii. 652, ix. 119
- Itasy lake, Madagascar, xiv. 744; geological formation of region of, xiii. 158
- Itatiaia-assu peak, Brazil, viii. 357, x. 61
- Itenez river, Bolivia, iii. 407, 408, v. 313
- Itimbiri, or Loika river, ix. 288, 291
- Itsi cataracts, West Africa, v. 701
- Itsitondroy, routes from, iv. 534
- Itule, E. Africa, reported coal beds at, iv. 70
- Itumba hills, E. Africa, vii. 453, 454
- Ituri river, Central Africa, xi. 269, xiv. 544

- Ituxy river, Colonel Labre's proposed road east of the, xi. 501
- Itzae tribe, viii. 590
- Itrükes, tribe of Asia Minor, x. 104
- Ivanitzky, M., natural history researches in the Pechora region, v. 391
- Ivanof, M., exploration in the Pamirs, vi. 135, vii. 339; work in the Ural mts., xi. 311
- Ivanoff, Colonel, exploration in Sikhotalin, xiv. 858
- Ivat island, *Proceedings*, i. 105
- Ivátovány, M., *Proceedings*, iv. 524
- Ivens, R., *S. A. A.*, i. 111
- Ivohitróso, valley of, Madagascar, iv. 526
- Ivon river, Bolivia, v. 332
- Iwo, West Africa, xiii. 585
- Ixtacchiuatl peak, xi. 385; height of, xii. 754
- Izalco, volcano of, Central America, v. 670
- Izerman, M., journey across Sumatra, xiii. 611

J

- Jaboos rivers, Nile basin, iv. 230
- Jabuna river, xiii. 280
- Jacaré village, limestone formations near, viii. 361
- Ja-chu river, Tibet, vii. 73, 74
- Jack, R. L., geographical map of Queensland, ix. 593; Report on the Argentine Silver Mines, Queensland, ix. 589 †; the Mineral Wealth of Queensland, xi. 190 †; visit to Stanthorpe tin mining district, v. 101
- Jackson and Gedge's Journey to Uganda, xiii. 193, 391 *
- Jackson Creek, Little Andaman, x. 571
- Jackson, Capt., map of Sierra Leone in 1884, vi. 614; surveys in the Southern Shan States, x. 452; in Burma, xi. 411, 567, xiii. 401
- Jackson, E. P., the Earth in Space, x. 255 †
- Jackson, J., collection of portraits of travellers, viii. 271; Liste de Bibliographies Géographiques Spéciales, iii. 638 †; photographs of France, xiii. 700, xiv. 664, 816; of Menton, etc., xii. 648; report on Paris Geographical Society's Library, vi. 231, viii. 532; Socotona, Notes Bibliographiques, xiv. 872 †
- Jackson, T. G., Dalmatia, the Quarnero and Istria, etc., ix. 648 †
- Jacobs, Dr. J., Eenigen Tijd onder de Baliërs, vi. 751 †; on the Badouys of Java, xiii. 561
- Jacobsen, Captain, Reise an der Nordwest-Küste Amerikas, 1881-83, x. 178 †
- Jaccoliot, L., Voyages aux Rives du Niger, etc., i. 150 †
- Jacoltet, E., journey of, vii. 194
- Jacquir, M., construction of Senegal-Niger railway entrusted to, v. 37
- Jacquot, M., Carte Géologique de la France (in part), iii. 116

- Jaddah-i-Atabeg, Persia, xii. 541
 Jadh Ganga river, i. 451
 Jadh tribe, i. 452
 Jadrintsef. *See* Yadrintsef.
 Jaffa and Jerusalem railway, xiv. 801
 Jagdallak defile, i. 42 *note*.
 Jaime, Lieut., De Koulikoro à Tombouctou, xiv. 872 †
 Jaizun, Persia, v. 158
 Jaji tribe, *See* Jaji, p. 1. 640, 645
 Jakobshavn, i. 11, 12, 13, study of ice in, iv. 235; xi. 41
 Jakoby, A. J., the Kanin Tundra, xiv. 501
 Jakry or Warre language, W. Africa, xii. 605, 606
 Jakutsk, Siberia. *See* Yakutsk.
 Jalalabad region, Simpson, i. 727; valley, i. 43; routes from, to Kabul, ii. 125
 Jalu river, i. 199
 Jam river, tributary of the Hari-rud, v. 10
 Jamaica—
 At the Royal Jubilee Exhibition, Liverpool, 1887, Eves, ix. 650 †
 Blue Mountain peak in, Hall on the height of, ix. 579
 Economic plants, introduced into, xi. 562
 Exhibits at the Colonial and Indian Exhibition, viii. 674
 Handbook of, by A. Sinclair and L. R. Fyfe †, vii. 768, ix. 59, 717
 Map of, Official, xi. 758
 Photographs of, Johnston, xiv. 204
 Population of, xiii. 488
 Surveys of coasts of, ii. 420
 Untrodden, by H. T. Thomas, xiii. 570 †
 Jamamadi tribe, Brazil, xii. 241
 Jambi, Sultanate of, Sumatra, i. 762, 764
 James, A. J., work in Upper Burma, xii. 386
 James, Captain, voyage to Hudson's bay, x. 553
 James, F. L., the Wild Tribes of the Soudan †, vi. 54, vii. 54; Journey through the Somali Country, vii. 120, 380, 425, 625*; the Unknown Horn of Africa †, xi. 120; xiii. 568; obituary of, xii. 425
 James, G. P., expedition from Chanchamayo in Peru to the Atlantic, ix. 505*
 James, H. E. M., Journey in Manchuria, viii. 779, ix. 235, 531*, x. 485; the Long White Mountain, x. 251 †
 James, J. O. N., imperial survey of India, i. 730
 James, W. D., photographs of the ruins of Uxmal, Yucatan, xii. 128
 James bay, Hudson's bay, iii. 578
 James range, Central Australia, xiii. 350
 Jameson, Dr., journey through Gazaland, xiii. 362
 Jameson, J. S., death of, x. 646; Story of the Rear Column, Stanley's Expedition, edited by Mrs. Jameson, xiii. 124 †
 Jametel, M., on routes from Dzungaria into Tibet, ii. 312
 Jamshidi tribe, Afghanistan, vii. 562, 565, 566, viii. 148
 Janart river, Central Asia, xii. 87
 Janeiro, Rio de, bay of, viii. 356; geographical society of, vii. 342; mean temperature of, viii. 363
 Janga peak, height of, xii. 284
 Janghe tribe, vi. 249
 Jang-tang plain, Tibet, vii. 69
 Jankó, Dr., Das Delta des Nil, xiii. 184 †; Kulotaszeg Magyar Népe, xiv. 566 †
 Jan Mayen, Arctic expedition to, 1874, 1875, 1876, 1877, 1878, v. 378; Results of, Wohlgemuth, etc. †, viii. 537, 678, 750, ix. 263; Ribot's explorations in, xiv. 703
 Jannasch, Dr., on German enterprise in East Africa, xii. 242
 Jansen, Commodore, Dutch Arctic voyages, 1880, ii. 689, 690; *id.*, 1878-1881, and probable position of Mr. Leigh Smith, iv. 35*
 Janson, Rev. C. A., journey to Lake Nyasa, iv. 481
 Janssen, Lieut., death of, v. 605
 Janssen, M., ascent of the Lomami, xii. 288
 Janssen, M., journey in Kansu, iii. 491
 Jansz, M., visit to New Guinea, vi. 198
 Janti tribe, E. Africa, vi. 264
 Janvier, T. A., the Mexican Guide, viii. 536 †
 Japan—
 Ainu of, Batchelor, xiv. 568 †
 And the Pacific, etc., Inagaki, xii. 436 †
 Atlas of, Hassenstein, viii. 136, ix. 530
 Commercial geography of, Rathgen, on, xiv. 238
 Construction and origin of, Naumann, viii. 128 †
 Contributions to our knowledge of, Heim, ii. 321 †
 Dictionary of the Principal Roads, etc., Whitney, xi. 393 †
 Earthquake in, photographs of the, xiv. 352
 Excursions in, Guimet, iii. 59 †
 Fugaku Hiyaku-Kei; or a Hundred Views of Fuji, Hokusai, transl. Dickens, iii. 59 †
 General Economy of, Liebscher, iv. 443 †
 Geography in, vii. 820; progress of, Metchnikof on, iii. 759; since 1830, iii. 615
 Gleanings from, Dickson, xi. 393 †
 Guide Book to, Handy, xii. 570 †
 Handbook for travellers in, Murray, xiii. 738 †; Satow and Hawes †, iii. 441, vi. 355
 Heat and Rainfall in, distribution of, Hann, x. 709; map, x. 746
 Highways and Byways in, Crow, v. 241 †
 History, Traditions, etc., of, Reed, ii. 781 †
 Imperial University, Journal of the College of Science, ix. 524 †
 Industries of, etc., Rein, xi. 187 †
 Internal Communication in, i. 209, iv. 167; improvement of, ii. 189

Japan—continued—

- Jinrikisha Days in, Seidmore, xiv. 570 †
 Journeys and Studies in, Rein, ix. 130 †
 Language, Mythology, etc., of, Chamberlain, ix. 316 †
 Mountain system of, ix. 91
 North, Colonisation in, Quin on, x. 710
 Photographs of, Shepperson, xiii. 512
 Seismological Society of, observations on earthquakes, vii. 384; transactions of, x. 320
 Surveys of, xiii. 363; of coasts, Admiralty, ii. 479, iv. 554, v. 597
 The Real Japan, Studies of Manners, etc., Norman, xiv. 131 †
 To, through Siberia, Joest, iv. 771 †
 Tourist in the Far East, Cotteau, vi. 169 †
 Travels and Researches in, at east of Prussian Government, Rein, vi. 100 †
 Unbeaten tracks in †, Bird, ii. 780, vii. 258
 Visit of the *Vega* to, i. 792, ii. 62
 Volcanoes of, Milne, viii. 671 †
 Voyage to, Notes on the Duke of Genoa's, vii. 404 †
 Western, climate of, Enslic on, ii. 251
 Work on, Rein, iii. 60 †
 Japanese colonization in Yesso, i. 275; exhibits at the Venice Geographical Congress, iii. 751; Homes and their surroundings, Marce, ix. 459 †; islands, etc., and general geological sketch of, N. J. Smith, ix. 157 †; language, ix. 101
 Japheth, descendants of, in Asia Minor, vi. 325
 Japvo, Naga hills, v. 617, 620
 Jarahi river, Southorn Persia, v. 159
 Járawas, natives of Andaman Islands, x. 569
 Jardine, F. and A., presentation of Murchison Grant to, viii. 468
 Jarintsof, M., on the cliff-formations along the coast of the Black Sea, ix. 431
 Jarvis, E. W., journey in N.W. Canada, ii. 576
 Jary river, Guiana, i. 131
 Jatush-dere valley, Caucasus, xiii. 324
 Janja, Peru, xiv. 390
Java—
 Eruption of Krakatau, map illustrating, vi. 174
 Journey to the volcanoes of, Cottoau, viii. 534 †
 Maps of—Dornseiffen, xii. 507; Swart, ix. 728
 Population and trade of, x. 453
 Railways, roads, etc., map of, vii. 775
 Researches in, Charnay, i. 274, ii. 67; Forbes, v. 657
 Triangulation of, xiv. 576 †
 West, south coast of, Guppy, xi. 696
 Javary river, Upper Amazons, expedition to the, xii. 99
 Javorsky, Dr. J. L., work on Afghanistan, iv. 755; Russian Mission in Afghanistan, etc., v. 302 †

- Jaxartes river, and Oxus, former course of the, 161, *et seq.*; lower, irrigation works on the, iii. 100
 Jeanmairet, M., French Protestant missionary on the Zambesi, vii. 540, 610
 Jeannest, Charles, Four Years on the Congo, v. 567 †
 Jeannette Arctic expedition—iii. 373, 388, 483; search for the, iii. 658, 733, 734, 747; Measures for the same, Markham on, iv. 28 *, Hovgaard on, iv. 50, reply from Colonial Office on, iv. 96; news of, iv. 43; survivors of, iv. 90, 289, 607, v. 225, 379; their rescue, iv. 159; fate of the expedition, iv. 332, 375; finding of De Long's party, iv. 422; map of the discoveries of, iv. 520; Melville's Report on, v. 241 †; the Voyage of the, v. 747 †; Inquiry at Washington on the loss of, vii. 696 †
 Jeannette island, Arctic Sea, iv. 376
 Jean's river, North America, v. 647
 Jebb, Prof., remarks at the dinner to Mr. Stanley, xii. 497
 Jebel Bani range, vii. 548
 Jebel Dukhan, Bahrein islands, xii. 1, 8
 Jebel Hadid, Iron mountains, Morocco, xi. 4
 Jebel Hissar, Cilicia Tracheia, xii. 458
 Jebel Jurjum, as seen from Algiers, Freshfield on the, xiii. 111
 Jebel Krima, Algeria, iv. 365
 Jebel Shammar, Visit to, Blunt, ii. 81 *
 Jebel Teir, volcanic island of, v. 595
 Jebel Tezali, xi. 11
 Jebel Zeit, petroleum deposits at, viii. 502
 Jeddah and Hodeidah, vii. 459
 Jedina, L. von, Um Afrika, i. 150 †
 Jego stream, iron ore in the, xii. 230
 Jehan-bin mountain, Persia, v. 145 *note*
 Jekri tribe, West Africa, x. 762
 Jelaledin, Shah, vi. 502, 503 *and note*
 Jemsah, peninsula of, petroleum deposits at, viii. 503
 Jenna, new geographical society at, iv. 114
 Jenner, G., on formation into the Argentine Republic
 Jennings, S., Visit to the Goldfields in the South-East Wynaad, iv. 118 †
 Jenolan Caves, the, Foster, xii. 641 †; Cook, xi. 635 †
 Jensen, Lieut., explorations in Greenland, i. 331, vi. 344, vii. 245; Om Inlandison i Grönland, xi. 319 †
 Jephson, A. J. M., Emin Pasha and the Rebellion at the Equator, xiii. 54 †
 Jeppe, Fr., physical and geological features of the Transvaal, i. 204; Transvaal Book Almanac and Directory †, ii. 140, iii. 190, xi. 460; the Kaap Goldfields of the Transvaal, x. 438; map of the Transvaal, xi. 466; die neue Grenze zwischen der Südafrikanischen Republik und den Portugiesischen Besitzungen (map), xiv. 510; note on the same, xiv. 633; Die Feststellung der Grenze zwischen der Südafrikanischen Republik, etc., xiv. 872 †

Jerba, island of, Consul Playfair's visit to the, viii. 396
 Jerningham peak, Cockscomb range, xi. 550
 Jerusalem, map of, Warren, vi. 547; Sauley's work on, iv. 120 †; Two Journeys to, viii. 604 †; Voyage to the Holy City of, in 1460, Schefer, iv. 772 †
 Jarvis, G., I Tessori Sotterranei dell' Italia, xiv. 59 †
 Jesuit missionaries' expedition to Umzila's country, iv. 228
 Jesus, island of, identification of the, x. 351 *note*
 Jeundo tribe, W. Africa, xi. 565; station, route from, to the Sannaga, xii. 288
 Jeypore plateau, i. 373
 Jex-Blake, Rev. Dr., on geographical education, viii. 200
 Jhelum river, Kashmir, v. 611, 616, 624, vii. 708
 Jhering, Dr. K. V., voyage up the river Cumacuam, South Brazil, ix. 686
 Jhur range, ii. 220
 Jidda. *See* Jedda.
 Jiddāma, Egypt, ix. 681
 Jihan Pass, Asia Minor, xiv. 58
 Jihān or Pyramus river, Anatolia, vi. 317, 322
 Jili-kul village, viii. 38, 39
 Jilledy. *See* Geledi.
 Jimenoa, Rio, San Domingo, x. 240
 Jimseh peninsula, Egypt, ix. 677
 Jinchuen, anchorage of, Corea, v. 597
 Jhinghis Khan, invasion of Central Asia by, ix. 230
 Jinghiz-tau mts., Turkestan, iii. 154
 Jing-ri mountains, ix. 228
 Jinman, Capt. G., shoal discovered by (map), v. 752
 Jipe, Lake, E. Africa, iv. 741
 Jivselén, M. G., map of Russia in Asia, i. 157
 Joanne, P., series of guides †, vi. 482, x. 735, xi. 890, xiii. 635, xiv. 865
 Joannot island, Louisiades, xi. 532
 Joest, W., Aus Japan nach Deutschland durch Sibirien, iv. 771 †; Um Africa, vii. 555 †; Tätowiren, Narbenzeichen und Körperbemalen, x. 255 †; travels in Guiana, xiii. 365
 Jof, Arabia, ii. 84, 85
 Jofra Oases, survey of, by Dr. Stecker, i. 341
 Johannsen, Capt., Arctic voyages of, ii. 16, iv. 607, v. 97, 176, 661; discovery of an island in the Arctic Ocean, x. 382
 Johns, Mr., remarks on papers on the Gold Coast, iv. 507
 Johnson, Rev. W. P., exploration between the Rovuma and Lake Nyasa, iii. 421; journeys in the Yao country, and to the source of the Lujende, iv. 47, 480*, vi. 717; Travels in Africa, v. 32, 382, 691; Travels in the Region East of Lake Nyasa, vi. 512*
 Johnson, W. H., obituary of, v. 291

Johnston, A., standard series of illustrations, *see* Johnston, H. J.
 Johnston, H. J., *see* Johnston, H. J. Stations on the Congo, *see* Johnston, H. J. from its Mouth to Bolobo, v. 692*, vi. 236 †; expedition to Kilimanjaro, vi. 88, 375, 401, 464, 476, 536, 559, 588, 600, vii. 137*, viii. 128 †; return, vii. 123; remarks at evening meetings, vi. 194, vii. 370, xii. 494; appeal for subscriptions for Mr. Forbes, vii. 815; journey up the Cameroons river, viii. 647; up the Cross river, x. 435*; the Bantu Borderland in W. Africa, x. 633*; the Niger Delta, x. 749*; journey north of Nyasa, and visit to Lake Leopold, xii. 225, 226, 377; British Central Africa, xii. 713*; development of tropical Africa under British rule, *see* Johnston, H. J. 227; proposed work in *see* Johnston, H. J. 227; arrival on the Shire, xiii. 607; *see* Johnston, H. J. the Exploration of Central Africa, *see* Johnston, H. J. 35 †
 Johnston, J. C., Did the Phœnicians Discover America?, xiv. 874 †
 Johnston, Keith, Jun., expedition in East Africa, i. 63, 128, 208, 329, 527, 530; on the use of elephants in Africa, i. 382; Native Routes from Dar-es-Salaam to Nyasa, i. 417*; Trip to Usambar, i. 545*; death of, i. 589, 669; obituary, i. 598; grave of, xii. 615; general map of Africa, i. 157, vi. 758, vii. 265; Physical, Historical, etc., Geography, ii. 326 †; Library Cyclopædia of Geography (in part), iii. 63 †; London Geographical Series †, viii. 132, xiii. 60
 Johnston, T. R., atlas, merchant shippers' and ocean travellers', viii. 358; *id.*, uncrowded, of political geography, ix. 658; map of Afghanistan, vii. 350; of South Africa, v. 438; of United Kingdom (parliamentary), viii. 132; "World" series of class lesson maps and diagrams, viii. 416, 544
 Johnston, W. & A. K., atlases by—England and Wales, county, xi. 610; half-crown, historical, xiii. 511; modern series of cheap, xii. 125; multum in parvo, xi. 128, xii. 56; physical, xiv. 511; royal, vii. 495, xiii. 747, xiv. 68, 140, 432, 511, 533, 664, 884; third to sixth standard, i. 288; threepenny, i. 288; world-wide, xiv. 68. Globes, i. 159; Terrestrial, Handbook to, ii. 394 †. Maps by—Afghanistan (war), i. 748; Africa (library), i. 287; Asia, xi. 577; Australia, xiii. 574; British Empire, vi. 176; Burma, xiv. 66; countries of the Bible, i. 158; England and Wales, xi. 464; Manitoba, iv. 454; Middlesex, iii. 116; Palestine, i. 159, v. 628; *id.* (outline test), i. 288; World (commercial), ix. 786; Zululand (war), i. 206, 287
 Johnston-Lavis, H. J., geological map of Monte Somma and Vesuvius, xiii. 378
 Johnstone, J. K., the Isle of Atholme, xi. 252 †

- Johnstone, Major-Gen., on survey arrangements of the Afghanistan expedition, i. 458
- Johnstrup, Prof., on the lava deposits of Askja, iii. 477
- Johore, Miklukho-Maclay's journey from, to Siam, v. 46
- Joliba river, Duveyrier on the sources of, iii. 52, 53
- Joliet, L., unpublished map of, 1674, Gravier on, ii. 271 †
- Jolly, W., the Realistic Teaching of Geography, ix. 651 †
- Jomard, E., Introduction à l'Atlas des Monuments de la Géographie, i. 409 †
- Jones, Capt. F., obituary of, i. 307 †
- Jones, Gannett, & Porter, Messrs., the West: from the Census of 1880, iv. 325 †
- Jones, J. W., exploration of the Nullabor Plain, South Australia, iii. 229; plan of country N.E. of Eucla, *id.*, iii. 255; on the Musgrave Ranges, Central Australia, iv. 549
- Jones, Lieut. R., on the navigability and trade of the Rio Purús, iii. 739
- Jones-Parry, S. H., Journey Round the World, iii. 63 †
- Jones river, Alaska, viii. 653, ix. 272
- Jouquières, Admiral de, on irregularity of tides in different localities, vii. 387
- Jordan, Across the, Schumacher, viii. 276 †; East of the, Merrill, iv. 182 †; explorations east of the, Mantell, x. 719; Survey of the, Schumacher, x. 107 †
- Jordan, J. B., Section of Sedimentary Strata in the British Islands, i. 746 †; on the relief model of Eastern equatorial Africa, iv. 88, 89
- Jordan, W. L., the *Challenger* Explorations, x. 256 †; the Ocean (Currents and Tides, etc.), viii. 347 †; the Standard of Value, x. 608 †; the Winds, vii. 410 †
- Jordan, W. W., account of the Boer settlement of Humpata, v. 462
- Jordans Nullah, Victoria Nyanza, vi. 277, 278
- Jorf, Fort, viii. 42
- Jorullo, Mount, Mexico, xi. 384
- Josceline, Lake, Australia, discovery of, Forrest, v. 723
- Joseph, the river of, etc., Whitehouse, x. 733
- Jouet, Le Père V., Missionnaires du Sacré-Cœur dans la Mélanésie, etc., xi. 320 †
- Jourdan, A., carte agricole et industrielle de l'Algérie, i. 157
- Journet, F., L'Australie, vi. 483 †
- Jousse, M., French missionary at Le-suto, v. 299
- Juan Fernandez, Mackenna, vi. 54 †
- Juapa, tributary of Congo, viii. 47
- Juapery, river, M. R. ... 5
- Jub river, E. Africa ... Italian expedition to the, xiii. 176
- Jubilee address to H.M. the Queen from the R. G. S., ix. 438
- Jubilee river, New Guinea, ix. 576, 604, xi. 85, xii. 692
- Jubonn mt., ascent of, vi. 438, 439
- Judd, Prof., on the deposits of the Nile Delta and water, viii. 189; on the Eruption of Krakaton, x. 805 †
- Judith Basin, map of, trans-continental survey, v. 630
- Jue river, Lower Congo, iii. 558; Thollon's survey of the, xiv. 720
- Jühlke, Dr., journey in E. Africa, ix. 491, 492; Die Erwerbung des Kilima-Nscharo-Gebiets, ix. 715 †
- Jujuy, map of the province of, Brackebusch, v. 630
- Jukes-Browne, A. J., the Building of the British Isles, x. 735 †
- Jukoff, M., on the glacier surveys of the Caucasus, xiv. 112; on the heights of the Caucasus peaks, xiv. 111
- Juliaea, altitude of, xii. 229
- Julianchaab Fjord, temperature in, vi. 575
- Jumbe of Marimba, xii. 723
- Junna river, Punjab, vii. 715
- Jung, K. E., Australien und Neuseeland, i. 479 †; Deutsche Kolonien, viii. 539 †
- Junguli river, Central Africa, xii. 280
- Junin, Pampa of, Peru, xiv. 388, 393
- Junker, Dr., routes of, Hassenstein's map of, ii. 77; *id.*, 1880, sketch of, iii. 512; journeys in the Nyam Nyam country, etc., iii. 244, 301, iv. 227, 569, v. 33, 105, 381, ix. 47, 204, 288, 289, 304, 399*; *id.*, Wills on, ix. 285*; safety of, vii. 541; expeditions for the relief of, viii. 829, 330, 395, 648, 649, (Fischer's), vii. 380, ix. 45; reception of, at Berlin, ix. 311, 314; on the peoples between the Welle and Nepoko, x. 390; on Stanley's expedition, x. 391, 588; Reisen in Africa, and English translation †, xii. 638, xiii. 442, xi. 62, 325
- Bunyó ... ary of, xiv. 185
- Junker von Langeegg, F. A., Old Cairo, vii. 346 †; El Dorado, xi. 189 †
- Junnar hill fort, W. India, iv. 459, 460
- Juo Falls, Central Africa, vii. 607
- Juparaná, Lagoa, Brazil, x. 62
- Jurassic fishes of Ust Balei, Rogon on, xiii. 181
- Jürgens, Lieut., establishment of Russian meteorological station by, at the mouth of the Lena, iii. 491, iv. 91, v. 232, 390
- Jur Ghattas, ii. 360; latitude of, vi. 251
- Justinian, on the Buildings of, Procopius, transl. Stewart, ix. 323 †
- Jusuf, Bahr, ix. 608, 614. See Joseph.
- Juta's map of South Africa, xi. 738, xiii. 643
- Jutland, topographical atlas of, Danish Staff, i. 745, ii. 656; South, German and Danish languages in, viii. 491
- Juvet & Co., time globe, iii. 704
- Jyê-kundo, Tibet, xi. 732
- Jyelap Lake, Sikkim, iii. 336

K

- K 2, peak, Himalayas, x. 507, 508; xiv. 756, 857; to be called Godwin-Austen, x. 380, 576
- K—P, or Kinthup, explorations in Central Asia, xi. 568
- Kaap Gold-fields, Transvaal, Jeppe on, x. 438*; history of their discovery, x. 443, 444; map, x. 114; river, x. 439; valley, geological formation of, x. 441, 442
- Kaba river, Sierra Leone, xiv. 437
- Kabadian, Central Asia, viii. 37, 38
- Kabakudaie, New Britain, iii. 92
- Kaban channel, Karun river, xii. 517
- Kabaras district, E. Africa, vi. 706
- Kabardan tribe, Caucasus, x. 696
- Kabati district, New Guinea, Chalmer's journey to the, iii. 226
- Kabeli-Katje springs, i. 175
- Kabinda, West Africa, v. 694, 695, 705; map of, ix. 211
- Kaboura fly, British Guiana, ii. 475
- Kabri Bahr, Somaliland, xiii. 661
- Kabru mountain, vi. 68, 481, 489
- Kabu valley, Burma, iv. 693, xi. 204, 205
- Kabúd Chashmeh to Sálash, Lieut.-Col. Beresford Lovett's itinerary, v. 69
- Kabul—**
- Basin, geographical construction of the, iii. 68
 - Environs of, map of, Garden and Paton, ii. 204; Wyld, ii. 333; views of, xi. 404
 - Map of, Stanford and Tr. Saunders, ii. 333
 - Panorama of, by Lieut. Smith, ii. 205
 - Reconnaissance sketch of, Abbott, ii. 76, 205
 - River, authorities for the geography of the, i. 120; Upper Basin of the, Markham, i. 110*
 - Routes between Jalalabad and, ii. 125
- Kabula river, E. Africa, vii. 657
- Kabunda, Central Africa, xii. 738
- Kabylie, the great, etc., map of, ix. 211; photographs of scenery and people of, xi. 128
- Kachin hills and country, xiv. 168, 169; tribes, iv. 261, 263; *id.*, Expeditions among, Walker, xiv. 161*
- Kachho, Irrawadi river, iv. 561
- Kadangáh peak, Persia, v. 66
- Kadruj, sea of, Asia, vi. 656
- Kaffraria, area and population, iii. 3; map of, Schunke, viii. 285; note on, vii. 383
- Kafir tribes, i. 113, 114; iii. 74, 75, 298, 300
- Kafiristan—**
- And the Kafir language, Tanner on, i. 713
 - And the Kafirs, Bellow on, ii. 250
 - Explorations in, Tanner, i. 513
 - Historical geography of, vi. 1, 2
 - Notes on the Chugáni and Neighbouring Tribes of, Tanner, iii. 278*
 - Section of the Hindu Kush in, i. 113
 - Visit to, McNair, vi. 1*
- Kafir-kala, v. 9
- Kaffrabad river, viii. 37, 38
- Ka Fogo, Sierra Leone, xiv. 443
- Kafukwe River, Selous on his journeys to the, xi. 216*
- Kagei, Victoria Nyanza, ii. 616
- Kagera river, Victoria Nyanza, vi. 274
- Kagumpaka, king, West Africa, v. 572
- Kahan plain, ii. 222
- Kahka, Turkistan, iv. 493
- Kai, or Kayes, Senegal, v. 37
- Kain, Upper Burma, xi. 208
- Kaialigumiut, Alaska, iv. 667
- Kaiteur falls, British Guiana, height of, x. 310
- Kaik Kiri hill, Afghanistan, vii. 571
- Kailas peak, Himalayas, i. 445
- Kaimanawa mountains, New Zealand, vii. 205, 210, 216
- Kaimondake volcano, Japan, ix. 100
- Kain district, mountains and industries of the, viii. 140, 141
- Kaipokdag mountain, viii. 96
- Kairuan, ancient geographical manuscripts at, iv. 177; Rae on, v. 668; to Kairuan the Holy, Boddy, vii. 196†
- Kaisari, latitude of, x. 163, 164
- Kaisariel, Asia Minor, vi. 307
- Kaiser, Dr., at Lake Rikwa, v. 551; expedition in E. Africa, vi. 374; death of, v. 428
- Kaiser Wilhelm Land, expeditions to, Finsch, vii. 542, Hollrung, x. 600; Work on, Hager, ix. 208†
- Kaiser Wilhelm's peak, xii. 339
- Kai-sóng town, and ginseng cultivation of, viii. 298
- Kaisor valley, new villages in the, iv. 543
- Kaiun-kui-usi hill, Afghanistan, vii. 571
- Kaj village, Persia, x. 627 note
- Kajrag ridge, Himalayas, v. 616, 624
- Kajur, forest of, charcoal burning at, v. 60, 63
- Kakar river. *See* Lora.
- Kakarama mts., New Zealand, vii. 209, 210
- Kakee river, Southern Persia, v. 712
- Kakhyan race, viii. 491; territory of the, iii. 493. *See also* Singpho.
- Kakibbi river, Central Africa, ix. 440
- Kakongo tribe, Congo, v. 706
- Kala Fateh, vii. 161, 162
- Kalahari desert, S. Africa, v. 696, vi. 20, 27; extent of, i. 711, 712; Journey in, Farini, viii. 437*; route from Shoshong to the Zambesi, xi. 66; Through the, Farini, viii. 43†; Work on the, Reiter, vii. 555†
- Kala-i-Khumb, Darwaz, iv. 416, viii. 42
- Kala Kaushid Khan, iii. 532
- Kalambo river, Tanganyika, ix. 19
- Kala Nau, valley of, Afghanistan, vii. 562
- Kala Sofarak fort, ix. 103
- Kalaid valley of, Persia, v. 73
- Kalaid, ix. 197
- Kalde glacier, Caucasus, x. 339 note, xiv. 118

- Kalé, town of, viii. 298
Kaleblet shrub, v. 153
Kaléh Bahman, ruins of, Persia, xii. 581
Kaléh-bizar village, Persia, v. 72
Kaléh-idoktar, ancient shrine, Northern Persia, v. 59
Kaléh-i-Tul fort, Northern Persia, v. 150
Kaléh-safid hill, Southern Persia, v. 161
Kalkandahar, see Kandahar, p. xi.
Kalmuk, tribe, Kuldja, ii. 496, iii. 343 note
Kal Mura river, Persia, xii. 593
Kalongosi, or Kalongwizi, river, Central Africa, xv. 38; plain of, vii. 335
Kaltbrunner, D., Manuel du Voyageur, i. 151 †; Aide-Mémoire du Voyageur, iii. 63 †; on the French boundaries in the Lake Liba district, xi. 110
Kalweh, Persia, xii. 584
Kam tribe of Mongols, vii. 170, ix. 228
Kamaran islands, Red Sea, vi. 630; note on, vii. 106
Kamad valley, Central Asia, i. 254, ix. 105
Kamasia rango, vi. 401, 705, 706
Kambu and Surkhav rivers, valley of the, iii. 281
Kambwe Lagoon, Lake Nyasa, i. 294, 303, iii. 265, 266
Kamee tribe, Burma, iv. 323
Kamensky, I., death of, v. 389
Kamtiriz river and district, xiii. 287, 291
Kamish, Central Asia, xii. 82
Kamoos and Kameits, dwarf races of Indo-China, viii. 8
Kampang Pet, Siam, x. 119, 131, 133
Kampen, A. von, maps by—Aduatuca, i. 540; *Aduatuca*, i. 540; *Aduatuca*, i. 540; *Aduatuca*, i. 540; *Aduatuca*, i. 540;
classical literature, i. 540; *Aduatuca*, i. 540;
rum antiquus in scholarum usum, vii. 272; Tabula maxima quibus illustratur terræ veterem, ix. 398 †
Kampong Phet. See Kampang.
Kampi country, Woodthorpe's trip to, Godwin-Austen on, vii. 751; tribe, vii. 314, ix. 22
Kamschatka, Cruise of the Marchesa to, etc., Guillemaud, ix. 264 †
Kamunta pass, Caucasus, xiv. 108
Kan, Prof. Dr., exploration of the Kara sea, i. 609; Het Hooger Onderwijs in Aadrijkskunde huite Lande, xl. 192 †; De Periplois van Hanno, xiii. 794 †
Kanaku mountains, Guinea, xiv. 667
Kan-bulak, Central Asia, xiii. 100
Kan-chau, Central Asia, xii. 73
Kanchinjanga mount, iii. 322, vi. 430; difficulties of ascent of, vi. 68; White and Hoffmann's Expedition to, xiv. 613 *
Kand peak, ix. 223
Kandahar. See Candahar.
Kandapur, Southern India, vii. 730
Kander-zenun hill, Southern Persia, v. 162
Ka-neng-rai, Korea, gold washings of, vii. 610
Kanga hills, E. Africa, vii. 651, 660
Kang-ai plain, iii. 494
Kang-gé, road to, viii. 302
Kang-hi, Emperor, description of rivers of the Irrawadi basin, vii. 309
Káng-hsi, Emperor (1662–1723), v. 24
Kangle pass, vi. 431
Kankara chief, xi. 71
K... survey of, xiii. 673
Kanguzi river, E. Africa, xii. 147
Kanim Tundra, the Jacoby, xiv. 501 †
Kanitz, F., Die ... und der Balkan, i. ... Karte des Fürstenthums Bulgarien und des Balkans, i. 154
Kanjut state, Pamirs, xiv. 205; town and people, xi. 173; tribe, xii. 423, xiv. 218
KANLUKAYAK, Asia Minor, xiv. 58
Kano, Monteil's journey to, xiv. 470
Kanonig tribe, Upper Burma, xiv. 165
Kansas Kachin tribe, iv. 261
Kansas, geography and meteorology of, Forbes, iv. 641; population of, xiii. 113
Kausn, province of, vii. 168; history and people of, xii. 66–73; journeys in, Jansen, iii. 491, Potanin, v. 430
Kanyemb's town, S. Africa, xii. 348
Kanzego monastery, Tibet, vii. 73
 Kao mountain, height of, xii. 157
Kaoko country, S.W. Africa, iv. 97
Kapitza range, viii. 79
Kapocho river, Central Africa, xii. 155, 156
Kappler, A., Surinam, ix. 133 †
Kup-san, Korea, xiv. 150; district of copper mines in, viii. 308
Kaptel plateau, E. Africa, vi. 399, 702
Kara Gate, ice in the, v. 661, 662
KARA SEA—Expeditions to the, v. 172
Exploration of the, Kanon, i. 609
Ice in the, ii. 27; position of, 1881, iv. 43
Map of, Hovgaard, vi. 486
Trade route via the, attempts to open, iii. 187; Cattle on, ii. 639
Kara, voyage of, in the Arctic seas, iv. 688
Kara-Aghach (Mand) river, Persia, i. 332, v. 712
Kara-art pass, height of, vi. 138
Karabagh, ruins of, xii. 424
Karabagh, ruins of, Asia Minor, xiv. 55
Kara-Boghaz gulf, Caspian, i. 162
Kara-Buran, Lob-nor district, xii. 235
Kara Chañ river, Persia, x. 626 note, xiii. 647
Kara Dag mountains, Central Asia, vii. 572
Kara-daria river, ix. 435
Karadji-Batyr, i. 173
Bazar Bazar latitude of, x. 162

Kara Eynuk Ova valley, x. 160
 Karagum glacier and pass, Caucasus, vii. 598 *note*, 602, x. 694
 Karaghan country, N. W. Persia, viii. 394, 395
 Karajungul peak, Afghanistan, vii. 563
 Kara Kara pass, Central Asia, x. 500
 Karukash, Central Asia, xii. 423
 Kara Kazyk pass, ii. 500
 Kara-Khan fort, Turkistan, iv. 494
 Kara-Kirghiz tribe, Turkistan, vi. 497, x. 600
 Karakol, ix. 424 *note*
 Karakoram, ancient city of, xiii. 384; site of, Yadrintzev on, xii. 424
 Karakoram pass, v. 614, 615, xii. 90
 Karakoram range, iv. 614, x. 606; Conway's expedition to, xiii. 682, xiv. 178, 468, 557, 631, 704, 753; Bruce on, xiv. 768, 769; nomenclature of the peaks, xiv. 857
 Karakoram-Gangri, range of, Tr. Sann-ders, vi. 86, 87
 Kara Kul lake, Pamir, i. 125, ii. 501, 505, vi. 490, xiv. 11, 228, 230; outlets of, i. 455
 Kara Kum desert, iv. 637, v. 21, 171, ix. 626, xi. 281, xiv. 319; Lessur on, vii. 281*
 Karaman castle, Asia Minor, xiv. 56
 Karamba, new lake-junction road at, v. 689
 Karambar pass, xiv. 784
 Karambar Sar lake, Dauvergne's exploration of, xii. 96
 Karamuk river, North Borneo, x. 5
 Karang mountain, Java, vi. 142, 145
 Karangahape mountain, New Zealand, vii. 222
 Karanga-tagh, viii. 29
 Karaoul, Caucasus, xii. 267
 Karapa pass, Safid Koh, i. 45
 Kara-Sai, Central Asia, xii. 161-164
 Karashahr town, Tibet, ix. 786, xii. 83
 Karash-tariin, Pamir, xiv. 208
 Kara Su, xiv. 13
 Kara-tagh mountains and town, viii. 36, 37
 Karateghin, vi. 492, 494, 502 *and note*; journeys in, Lidsky, x. 534; Kosciakof, viii. 32*; Regel, iv. 412
 Karatek mountains, Central Asia, vii. 27
 Karatagh, Afghanistan, x. 538
 Karatagh, Central Asia, xii. 390
 Karatagh, Afghanistan, x. 571
 Karatagh, Afghanistan, x. 590
 Karelian people of Russian Lapland, ii. 600, 601
 Karema, Lake Tanganyika, ii. 558, 762, vii. 338; Belgian station at, ii. 248, 585, iv. 15, 240, v. 381, 551
 Karens of Burma, iv. 843, viii. 490, x. 120; The Loyal, Smeaton, ix. 206†
 Karez-dasht, vii. 165
 Karia and Lycia, Journey in, Benndorf and Niemann, vii. 195†
 Karim Kanah oasis, Persia, xiii. 648

Karine tribe, Upper Burma, xiv. 165
 Kurkacha pass, Safid Koh, i. 42
 Karkenwom, Waziristan, iv. 542
 Karlsbad, map of environs of, Austrian Mil. Geo. Institute, ii. 714
 Karm Allah, Emir, letter from, to Dr. Junker, ix. 413
 Karmat'ang, xiv. 778
 Karnali Gogra, xiii. 418
 Karnali river, India, xiii. 417
 Karonga, Lake Nyasa, vii. 336, xii. 724, 725, xiii. 423
 Karpinsky, A., De la Régularité dans la Configuration et la Structure des Continents, x. 608†
 Karr, H. W. Seton. *See* Seton-Karr.
 Karrai hills, Waziristan, iv. 542
 Kara, province of, agriculture and colonization of, Maslowsky, x. 236
 Karsumbla. *See* Nadsur.
 Karshi, Bokhara, i. 66; shifting sands near, iii. 724; Steppe routes from, to Amu-daria, etc., Delmar Morgan, iii. 723*; to Burdalyki, iii. 728, 729
 Kartantau, Caucasus, xi. 361, 365, xiv. 111
 Karun river, v. 133, 146, 148, 149, 152—
 Advisability of free navigation of the, v. 126, 136
 And the Commercial Geography of S.W. Persia, Curzon, xii. 509*
 An Opening to British Commerce. Ainsworth, xii. 46†
 Gordon's journey to, xiii. 484
 Notes on the Present State of, Lynch, xiii. 592*
 Source and course of, xii. 539
 Visit to Kûm and the, Bell, xi. 313†
 Karwendel mountains, map of, xi. 756
 Karzin, Southern Persia, v. 712, 716
 Kasai. *See* Kassai.
 Kasai river, S. Central Africa, xi. 220
 Kasai, S. Central Africa, xi. 21
 Kasai, S. Central Africa, xi. 302
 Kasai, S. Central Africa, group of, ix. 767, x. 679, xiv. 100; early ascents of, xii. 257
 Kase, Lake, Sierra Leone, xiv. 434
 Kasenge, Tanganyika, iv. 9
 Kashi river, Kuldja, ii. 493, 631
 Kashgar river and district, xii. 88, 89; road from, to Fort Naryn, ii. 495
 Kashgaria, Grombchevski's explorations in, ix. 508; History of, Bellow, viii. 411†; Route from, to Peking, Bell, xii. 57*; work on, Kuropatkin, v. 304†
 Kashkar. *See* Chitral.
 Kashmir, v. 616, 619, 620; journey in, Uffalvy, iv. 238; photographs of, Ferryman, xiii. 136; Shaw, vii. 177, 1878, in, effects of the great, Lydekker, i. 716.
 Kashunuk river, Alaska, iv. 661
 Kasim mountain, E. Africa, vi. 559, 560
 Kasim, S. Central Africa, xi. 21
 Kasim, S. Central Africa, xi. 21
 Kasim, S. Central Africa, xi. 21
 Kas-i-Ahnef, ancient town of, Afghanistan, vii. 580 *and note*

- Kassai river, W. Africa, iv. 684, v. 605, vii. 738, viii. 430, 431, 627, ix. 337, 338, 754, 776; descent of the, Wissmann, vii. 671; explorations of the, German, viii. 610; Wolf, ix. 640*; latitude, longitude, and comparative volume of, viii. 628; map of, François and Wissmann, viii. 676; *id.* Thys, x. 611
- Kassala, map of Menges' journey between the Setit and, x. 258
- Kassali lake, Cameron's, vi. 91, 92
- Kassara gorge, Caucasus, xiv. 103
- Kassasin, sketch of the field of operation at, iv. 709
- Kasungu, Nyasa region, vii. 744
- Kasungu peak and district, xii. 750
- Katanga country, vii. 603, xi. 79, xiii. 427; copper mines of, vii. 540; expeditions to, Bia, xiv. 860, Le Marinol, xiv. 178
- Katanov, M., explorations in the Tian Shan, xiii. 557
- Katapena, town of, Central Africa, vii. 606
- Katavothræ of the Morea, Martel on the, xiv. 466
- Katawa tribe, Kafiristan, iii. 291
- Katawaz district, i. 199
- Katchall island, viii. 719
- "Katchô-Ottine" Indians, v. 650
- Kate, Dr. Ten, expeditions in Guiana, vii. 464, viii. 191, ix. 55; *Reisen on Onderzoekingen in Noord-Amerika*, xii. 707†; *Sur les Crues de Lagoa-Santa*, xii. 707†; *Zuñi Fetiches*, xii. 707†; explorations in the East Indies, xiii. 562, xiv. 469
- Kätenu tribe, W. Africa, xii. 602
- Kater, Capt., survey work in India, vii. 678
- Kathey tribe, Burma, x. 266, 267
- Katie mount, Kebbi river, xiii. 467
- Katonga river, xiv. 825
- Katsena Allah river, Benue river, xiii. 457, 458
- Katsho, Kebbi river, xiii. 472
- Kattea, nomadic tribe, viii. 443
- Kattagat and Baltic, Hydrography of, Pettersson, xiv. 627
- Kattigara, ancient China, iv. 658, 659
- Katunian peak, height of, xii. 284
- Katunga, Central Africa, xii. 719
- Kaulbars, A. V., the most ancient channels of the Amu-daria, x. 182
- Kaulbars, Baron N., map of South America, viii. 402; *Aperçu des travaux géographiques en Russie*, xi. 697†
- Kaulia, Mount, viii. 90, 91, 179
- K'au mau ang miut Esquimaux, viii. 458
- Kaunserthal, Alps, iceberg causing inundation in the, xiv. 468
- Kaupert, J. A., maps, etc., by. *See* Curtius.
- Kavali, Central Africa, position of, xi. 646; plateau of, xiv. 838
- Kavir or Great Salt Desert, Persia, iii. 515, 518, x. 627 *note*, xii. 586, *et seq.*
- Kavirondo, E. Africa, iv. 738, 743, vi. 464, xiii. 197, 199, 204; Thomson's journey to, vi. 706; Vocabulary of the Language of, Wakefield, ix. 588†; plain of, xiv. 822
- Ka-Wana, Sierra Leone, xiv. 443
- Kawende district, Central Africa, vii. 334
- Kay, Lister, purchase by, of relics of Barents' expedition, ii. 36
- Kay, S., Travels and Researches in Caffraria, x. 609†
- Kāyal, S. India, vii. 732
- Kayan or Quilon lagoon, S. India, vii. 731
- Kaye, Gen. E., Mountain Passes leading to Bamian, i. 244*; obituary, xiv. 335†
- Kayes. *See* Kai.
- Kayser, G., *Bibliographie d'ouvrages ayant trait à l'Afrique*†, x. 740, xi. 58
- Kazalinsk district irrigation works, iii. 100
- Kazbek. *See* Kashuk.
- Kazbin. *See* Cazvin and Qaswin.
- Kazembe, African chief, xiii. 424
- Kazil Kaya Bazar, latitude of, x. 162
- Kazubu river, v. 174
- Ké islands. *See* Key.
- Keane, Prof. A. H., Ethnology of the Egyptian Soudan, vii. 346†; the Lapps, their Origin, etc., vii. 893†; Eastern Geography (Malay Peninsula, etc.), ix. 524, xiv. 729; the Earth and the Ocean, Reclus, edited by, ix. 263†; Junker's Travels in Africa, translated by, xiv. 62†
- Keary, C. F., Norway and the Norwegians, xiv. 566†
- Keban-maaden, ix. 429 *note*
- Kebassa, W. Africa, vii. 740
- Kebbi river, ii. 301; exploration of, MacDonald, xiii. 449*
- Kebnekaisse, mountain, Sweden, vii. 611; height of, viii. 58
- Kebra-basa rapids, E. Africa, vii. 441
- Keeling or Cocos island, v. 656, viii. 263; discovery of, ii. 49; Koner on, iii. 109; Notes on, Forbes, i. 777*; report on, Birch, viii. 263; suitability for a meteorological station, vi. 114
- Keeling harbour, Formosa, xi. 225
- Kéethi, E. Africa, ruins of, vi. 267
- Kegudo, Tibet, vii. 73. *See* Jyé-kundo.
- Kei river, New Guinea, vii. 176, 177
- Keil, W., map of Saale and Werra, i. 348; orohydrographische Wandkarte von Europa, vi. 611
- Keillack, Dr. K., *Islands Natur und ihre Einflüsse auf die Bevölkerung*, viii. 402†; *Reisebilder aus Island*, vii. 403
- Keilhack, Dr. R., *das Abflusslose Gebiet, etc., auf der Baltischen Seenplatte* (map), xiii. 190
- Kelat Atock, i. 183, 186, 189
- Kelatch, village of, Persia, v. 79
- Kelu-i-Nadiri, i. 186
- Kelbin, Lake, Rolland on the geology of the district of, x. 598
- Kolebia, ancient Clypeu, viii. 523
- Keller, H., *Reisekarte der Schweiz*, iii. 639, ix. 655
- Kelpen, village of, Central Asia, xii. 27, 28.

- Keltie, J. Scott, inspector of geographical education, vi. 403; his report, vii. 417; librarian, R.G.S., vii. 239; geographical appliances collected by, vii. 543; remarks on the same, viii. 54, 121; lecture on geographical education, vii. 759; on progress of the same in England, xiii. 629; the Statesman's Year-book, edited by, viii. 282†; the Partition of Africa, xii. 655*; Applied Geography, xiii. 60†; assistant secretary, R.G.S., xiv. 177
- Kelung harbour, Formosa, vii. 3
- Komp-Welsh river of New Guinea, Rev. Th. Beswick's description of, ii. 511
- Kenamish river, Labrador, x. 173
- Kenamou river, Labrador, x. 193
- Kenia, Mount: v. 379, 380, vi. 78, 401, 464; ascents and description of, xiv. 527, 532; Expedition to, Dundas, xiv. 513*; Von Höhncl, xiv. 412; Teleki, x. 533; Thomson, v. 223, vi. 703, 704; height of, xii. 332; Krapf on, iv. 747; plateau of, vi. 401
- Kennan, G., Siberia and the Exile System, xiv. 502†
- Kennedy, Capt. J. C., Algeria and Tunis in 1845, x. 609†
- Kennedy, Capt. W. R., Sport, etc., in Newfoundland and the West Indies, vii. 557†
- Kennedy, Dr., on the overflow of Abistada lake, i. 333
- Kennedy, E. B., Blacks and Bushrangers; Adventures in Queensland, xi. 753†
- Kennedy, Lake, Tyson's notes on, i. 706
- Kennedy, Rev. Jas., Life and Work in Benares and Kumaon, vii. 53†
- Kenneh, town of, ix. 667; route from, to Koser, ix. 661
- Kenny, Capt., explorations in W. Africa, xii. 666
- Kenpon-Gakbo river, South-eastern Tibet, vii. 314, x. 578-582
- Kensington examinations in navigation, iv. 305, 306, 308 *note*, 312
- Kent, Murray's Handbook to, xiv. 866†
- Kentucky, New South Wales, Government map of, v. 310
- Kenya. *See* Kenia.
- Kenyon, E. A., traverse of the route from Tavoy to the Boungto pass, x. 323
- Kep or Lang-Kep village, viii. 229
- Kephullenia and Ithaka, Partsch's Work on, xii. 702†; map and plan, xii. 709
- Keraira peak, Afghanistan, i. 629
- Kerach village, Southern Persia, v. 139
- Kerberg, G., journey in China, xii. 51
- Kerej river, Persia, x. 627 *note*
- Kerges Kuh range, Persia, x. 629 *note*
- Keria. *See* Kiua.
- Kerife, Sierra Leone, xiv. 442
- Kerkiah river, S.W. Persia, xii. 529-531
- Kerlingarfjöll range, Iceland, x. 729
- Kernadee islands, their Capabilities and Extent, Smith, x. 316†
- Kermanshah, town, S.W. Persia, xii. 525
- Kerner von Marilaun, F., die Schneegrenze im Gebiete des Mittleren Innthales, x. 105†
- Kéro glacier, Himalaya mountains, vi. 84
- Kerr, J. Graham, progress of Page's expedition up the Pilcomayo, xiii. 39
- Kerr, W. Montagu, Journey from Cape Town to Lake Nyasa, viii. 65*; on Farini's Journey in the Kalahari, viii. 450; the Far Interior, viii. 798†; death and obituary of, x. 302, 385
- Kerry-Nicholls, J. H., the King Country, New Zealand, vi. 484†, vii. 201*; on explorations in S. New Guinea, ix. 85; obituary of, xi. 422
- Kesheen town, viii. 100
- Keskelen village, Russian Turkestan, x. 641
- Kesselmeier, C. A., on the metric system, ix. 707
- Kessler, Herr, on American forests, xii. 428
- Kestel, latitude of, x. 162
- Ketehahi crater, New Zealand, vii. 221
- Ketimkuru, chief of the B'emba, vii. 333, 603
- Ketmen-Kiel, Turkistan, xii. 235
- Ketterin tribe, Arabia, ii. 92
- Kettle, H. A., obituary of, ii. 417
- Kettle, W. R., Notes on the Island of St. Michael, Azores, etc., ix. 205†
- Kettler, J. T., Karte von Afrika, vii. 135, 412; school wall map of German East Africa, xiii. 643; Zeitschrift für Wissenschaftliche Geographie, ix. 263†
- Ketu, W. Africa, xii. 612
- Keum Kang San mountains, Korea, xiv. 145, 146
- Keum-san, gold-washings at, viii. 300
- Kew Observatory, watch rating undertaken by, vi. 292
- Key, or Ké, islands, Langen on, x. 764*
- Key el Aby, reported lake in Africa, v. 35 *and note*
- K'gung trees of the Kalahari desert, viii. 448
- Kha Chay tribe, Siam, x. 125
- Khaf, town of, v. 8, viii. 137
- Khaibar range and pass, i. 43, 44; Grant on the, i. 338; map of, T. Saunders, i. 156
- Khairabad river, Southern Persia, v. 159
- Kha Kaw tribe, xiii. 706
- Khakimi river, viii. 36, 37
- Khal Chuskuin, Pamirs, xiv. 207
- Khama, chief of the Bamangwato, i. 241, 242, xiii. 374
- Khamti. *See* Kampti.
- Khanakin, Central Persia, v. 124, 125, 136
- Khandachefsky, M., explorations in Western Siberia, ii. 767
- Khang tribe, Upper Burma, xiv. 165
- Khan-i-khet, Southern Persia, v. 140, 141
- Khanikoff, M. N. de, obituary of, i. 216
- Khan Jahán Ali, ruins of tomb of, xiii. 282
- Khanka, Lake, Manchuria, ii. 645

- Khan Kiri hill, Afghanistan, vii. 571
 Khan Tengri mountains, ix. 424, xi. 312
 Kharan, South-West Beluchistan, v. 721
 Kharu Oussou river, Central Asia, vii. 309
 Khardung pass, height of, xii. 90
 Khargosh pass, xiv. 15
 Kharism, aqueduct of, i. 178
 Kharput, Central Asia, ix. 429 *note*
 Khartum, position of, xi. 643, 644; Hills of Desert N.W. of, map of, Schuher, vi. 175
 Kharzar, Fort of, i. 247
 Khasia mountains, India, vii. 534
 Khasias, travelling chair of the, xi. 202
 Khâs-rud river, Northern Persia, i. 195, v. 75
 Khatmandu and Kaulia, position of, viii. 258
 Khaul-Chiang river. *See* T'amên.
 Khavailu (Huo-lu-hien), xii. 59
 Khavre village, Persia, xii. 584
 Khawak pass, Hindu Kush, i. 114, 115
 Khemi, the Land of (Middle Nile), Oliphant, iv. 122 †
 Khetran plains and valley, ii. 240, 319
 Khing plateau, Persia, v. 70
 Khin-gan mountains, explorations of, Gar-nak and Ressine, x. 304; Region of the, Aïtoff, xiv. 867 †
 Khir, Southern Persia, v. 141
 Khiva, from Bamian to, journal of Capt. Conolly, xiv. 631; oasis of, roads to, iv. 224; *id.*, Kalitin's journey to, iv. 219
 Khnoi, village of, Caucasus, xiii. 316
 Khôja Amran, i. 58, 713, ii. 188, 226-231, 588, 623
 Khojak pass, ii. 226-231, 539, 540
 Khokand, Khanate of, History of, Nalivkine, xi. 631 †; valley of, xiv. 4
 Khomkôu pass, v. 5, 6; Lessar's road to Persia from, v. 7
 Khonas, latitude of, x. 162, 163
 Khor Ambagi, Egypt, ix. 662
 Khorasan, salt desert of, xii. 589, 590
 Khorat, city of, Siam, x. 123
 Khorezabad, trade route from Dizful to, xii. 525
 Khorgos river, new Russian settlement on the, iv. 98
 Khost, Afghanistan, i. 48, 628
 Khota tribe, E. Africa, vi. 262
 Khotan or Khoten, oasis of, population of, ix. 229, 230; town, ix. 734; position of, de Rhins, xiii. 725; route from, to Nia, xii. 466
 Khraista valley, Waziristan, iv. 542
 Klugân, ancient town of, Afghanistan, vii. 581 *and note*.
 Khuisel, map of the lower, Stapff, ix. 529
 Khulias river, i. 65
 Khullas river, Oshanin on, ii. 573
 Khund river, Pamir, vi. 139, 140
 Khur, Central Asia, xii. 84
 Khurkhu ridge, Central Asia, vii. 168
 Khushkhak, Southern Persia, v. 142
 Khusrû Purvez, Persia, iii. 538
 Khustâ river, Central Asia, xiii. 209, 211, 213
 Khutu, Central Africa, vii. 332
 Khyen race, viii. 491, 496, 497
 Kiachti, From, to the sources of the Yellow River, etc., Prejevalsky, x. 738 †
 Kiang Hsen, town of, xiii. 720
 Kiangla pass, viii. 46
 Kiang-Tung Lawa race, viii. 8, 500
 Kiarat pastures, Northern Persia, v. 76
 Kia-ting-fu, China, xiii. 331, 332, 337
 Kiau-chi, iv. 658
 Kiaya valley, Central Africa, xiv. 837
 Kia-yu-kwan, Central Asia, xii. 75
 Kibanga chief, i. 551
 Kibangi language, vocabulary of, Sims, ix. 133 †
 Kibanti village, Nguru country, v. 521, 528
 Kibo peak, E. Africa, v. 546, 547, vi. 693, vii. 146, 149, 151, 158, ix. 682, xii. 176, 332; Meyer's ascent of, xi. 305, xii. 94, 95
 Kiboko or Kashoko tribe, ix. 751
 Kibonge town, ix. 49
 Kibonoto village, South-East Africa, v. 477, 547, 549
 Kichikim Duwan, Turkestan, xiv. 782
 Kichkine Kizil Art pass, Pamirs, xiv. 9, 11
 Kidurong bay, N. Borneo, iii. 198
 Kief Society of Naturalists, Memoirs of, xiv. 267 †
 Kiepert, H., Ancient Geography, Text-book of, 152 †; Manual of, iii. 258 †; Atlas, school, i. 153; *id.*, historical, i. 816; Itinerare auf der Insel Lesbos, xiii. 183 †. Maps by—Africa, vii. 60; Algeria and Tunis, iii. 700; Alsace-Lorraine, i. 746; America, South, iv. 711, xiii. 191; ancient world, vii. 271; Asia Minor, ancient, x. 546; western, xiv. 137; Balkan Peninsula, new boundaries, ii. 656; Cabul to the Indus, i. 156; Cyprus, i. 79; Danube, Lower, and Balkan countries, ii. 784; Europe, i. 154; Germana, distribution of, in Europe, ix. 786; Græco-Turkish boundary, iv. 705; Greece, iii. 443, 697; Haussknecht's routes in the East, iv. 520; Iran, i. 156; Italy, Southern, iv. 328; lands Hellenized under Macedonian Empire, iii. 64; Latium, x. 545; Lycia, iv. 709; Persian and Macedonian Empires, xi. 401; Nile-lands, vi. 239; Servian, etc., frontiers, iii. 332; Thessaly, Northern borderlands, iv. 705; Thessaly and Epirus, i. 154, ii. 523, trigonometrical surveys, etc., in, iv. 705; Tunis, iii. 384; Turkish Empire, xiv. 349; in Asia, vi. 360; Westphalia and Hesse, viii. 64. Wall maps—Africa, vii. 552, vii. 271; Germany, i. 113, v. 211; Palestine, v. 436; (physical) Africa, iii. 704, xiii. 696; America, North, viii. 413; Asia, v. 436; Pacific, iv. 188

- Kiepert, R., maps by—Congo Basin, vii. 265, viii. 607; *id.*, Southern half, ii. 77. East Africa, xiv. 66, spelling of names in the same, xiv. 776. German surveys in Angola, ii. 718. Routes and surveys of travellers—Böhm and Reichard, Central Africa, ix. 328; Buehner, Lunda, iv. 187; Flegel, Benué, ix. 466, Sokoto, iv. 128; Klunzinger, Egypt, ii. 205; Lenz, Sahara, iii. 384; von Mechow, Kuango, iv. 709; Pogre and Wissmann, Central Africa, vi. 238; Schütt, S. W. Congo basin, iii. 640. S. E. Peninsula of Europe, vii. 834. Tabora, Tanganyika, and Lake Rikwa, vii. 229. Wall maps—Africa, vii. 412; Balkan Peninsula, v. 688; British Isles, v. 56; countries of Europe, iv. 192, vii. 272; Italy, v. 440; Russia, x. 56, 809; Schleswig-Holstein, v. 312
- Kießling, Reisekarte von Mittel-Europa, i. 348
- Kifu river, Central Africa, xiv. 47
- Kihtran tribe, i. 55
- Kiityk river, Central Asia, xiii. 212
- Kikondia lake, Central Africa, vii. 606
- Kikumbulu, E. Africa, iv. 750, 751
- Kikunji falls, Kwango river, ix. 239
- Kikuru river, East Africa, v. 689
- Kikuyu, East Africa, xiii. 194, xiv. 526, 818
- Kila Kén, and Kila Kung, vii. 164
- Kileh-Maur, Afghanistan, vii. 280, 288
- Kilema river, vii. 145
- Kilian pass, Turkistan, xiv. 781; route to Kashmir *viâ*, xii. 90
- Kilimanjaro, iv. 751, v. 379, 477, 546, xiv. 531
- Acquisition of the District of, Jühlke, ix. 715†
- Ascents of, Meyer, ix. 682, 708, 766, x. 94, 45, 448, 708, xi. 504, xii. 37, 94, 331*, xiii. 125†; Ehlers, xi. 95, 240, 408
- Discovery of, iii. 686
- Expeditions to, proposed, iii. 587; Johnston, vi. 88, 375, 376, 401, 464, 536, 550, 588, vii. 187*, viii. 128†; Thomson, iv. 420, vi. 153
- Fauna of, vii. 152
- Map of the Kibo Crater of, Meyer, xii. 188
- Rocks of, Hyland, xi. 188†
- Snow on, Meyer on, xi. 305
- To the Snow Cap of, Meyer, x. 603†
- Visit to, Mrs. French-Sheldon, xiii. 633
- Kilkerran, mount. Ferguson island, xi. 536
- Kilkivan and Black Snake Districts, Report on the Geology, etc. of, ix. 59†
- Killistino or Crees, North American Indians, v. 649, 650
- Kiloluma river, E. Africa, xii. 699, xiv. 528
- Kilpin, E. F., Cape of Good Hope Civil Service List and Calendar, 1887, ix. 260†
- Kilwa, Chilwa or Shirwa lake, East Africa, vi. 531, 646, 713, *et seq.*; supposed connection with the Lujenda, iv. 321, viii. 328; and Rovuma basin, watershed between, viii. 99. *See* Shirwa.
- Kilwa island, lake Mweru, xiv. 39, 44
- Kilwa Kivinja, route from, to Ubena, i. 420
- Kimanis river, North Borneo, x. 188
- Kimawenzi peak, v. 546, vii. 145, 149, 154, 158, xii. 94, 176, 340
- Kimber, T., Chart showing the comparative time of the world, i. 744
- Kimberley, Earl, remarks at anniversary dinner, xiv. 494
- Kimberley, S. Africa, diamond-digging at, viii. 438
- Kimberley district, W. Australia, map of, vi. 175; of surveyed portion, Young, viii. 677; Report on the Gold fields of, Forrest, viii. 646; Woodward, xiv. 575†
- Kimbundo, chief, ix. 755
- Kimkumbi river, E. Africa, ii. 107
- Kimweri, Usambara chief, i. 82, 84
- Kinabalu lake, North Borneo, iii. 202, 203, x. 136, 145; mountain, iv. 118, v. 90, x. 3, 143, 144
- Kinabatangan country, North Borneo, x. 135. River, v. 90, x. 2; Overbeck's voyage up, i. 123; Pryer's, iv. 116
- Kinagamit, Alaska, iv. 669
- Kinak river, Alaska, iv. 668
- Kinakombé, W. Africa, xiv. 518
- Kinang-gop, plain of, East Africa, xiii. 195
- Kinchinunga. *See* Kanchinjinga.
- Kinderlinsk bay, Caspian, i. 162
- Kindersley, B. T., on the Dutch boundary in North-Eastern Borneo, x. 594
- King, Capt., S., on a journey through the Somali country, vii. 644
- King, C., geological and topographical atlas of the Western United States, i. 159
- King, F. D., Contour maps of Huddersfield, and Yorkshire, xiv. 65
- King, G., journey in Western China, ii. 188
- King, Hon. P. G., Comments on Cook's Log, etc., xiv. 875†
- King, M., Handbook of the United States, xiv. 572†
- King Charles Land, Spitzbergen, xi. 684; explorations of, by Andreasen, xii. 175
- King Country, N. Z., exploration of, Kerry-Nicholls, vi. 484†, vii. 201*
- King Sound, North-West Australia, v. 722
- King William Cape, New Guinea, 509
- King William Land, New Guinea, Expeditions to, Finsch, vii. 542; Hollrung, x. 600; Work on, Hager, ix. 208†
- King William Land, Arctic regions, Schwatka's expedition to, Markham on, ii. 657; map, ii. 783
- Kingani river valley, E. Africa, iv. 276, ix. 494

- Kingenge, African chief, v. 163
 Kingford, W., History of Canada, x. 542 †
 Kingua Fjord, ix. 522
 Kinibalu. *See* Kinabalu.
 Kinloch, Col., Large Game Shooting in Tibet, etc., xii. 571 †
 Kinney, T., Trans-Himalayan explorations of, i. 450
 Kin-sha-kiang, Tibet, vii. 75, 308. *See* Chin-Sha
 Kinshasha village, West Africa, v. 575, 576
 Kinsuani river, Central Africa, xii. 667
 Kinta river, Malay Peninsula, iv. 403
 Kintamo bay, Stanley Pool, vi. 74, 75
 Kintampo, town of, W. Africa, xii. 167
 Kintup, explorations of, xi. 568
 Kinyanja language. *See* Chinyanja.
 Kinzelbach, M., position of Khartum, xi. 643
 Kioko tribe, West Central Africa, ii. 647, 648, xi. 71
 Kiongwe, Ali, xii. 713, 714
 Kipchak tribe, viii. 148
 Kipi, position of, xi. 646
 Kipniaguk, Alaska, iv. 664
 Kips, J., Guide to Belgium, xi. 390 †; to Brussels, viii. 478 †; Plan de Bruges et de Bruxelles, ix. 325; Plan de Gand, ix. 326
 Kirais tribe, Tibet, ix. 230
 Kirakow, East Africa, xiii. 201
 Kiraragwa route, Masai country, v. 547
 Kirby, Capt. B., Journey in Ashanti, vi. 447 *
 Kirchenpauer, Dr., on scientific research in the Polar regions, i. 739
 Kirchhoff, Dr. A., on *Die geographische Lage in Germany*, iii. 111; *Die geographische Lage zur Deutschen Landes- und Volkskunde*, etc., x. 668 †; *Einleitung in die Länderkunde von Europa*, ix. 711 †; *Unser Wissen von der Erde*, ix. 653 †
 Kirchner, Dr., *Das Reichland Elsass-Lothringen*, map, vi. 107; *Elsass im Jahre 1789*, map, ii. 656
 Kirchner, J. J., *Bosnien in Bild und Wort*, i. 283 †
 Kirghiz Steppe, Balchashine's explorations in, ii. 767; Russian topographical work in, i. 384
 Kirghiz tribe, x. 500, xiv. 225; of Semirétchia, Krasnof on, x. 54; of Syrdaria, Grodekof on, xii. 185 †
 Kiria oasis, Central Asia, vii. 813; river, ix. 733, xi. 679, xiii. 101; town, ix. 733; ancient trade route to, xii. 76
 Kirian range, viii. 28, 29
 Kirin, Manchuria, fort at, x. 487; town of, ix. 549
 Kirishimayama, volcanic group, ix. 99
 Kiriwina people, New Guinea, xiv. 328; islands. *See* Trobriand.
 Kirk mountains, xii. 150, 152
 Kirk, Sir John, on the East African expedition, i. 529, 672, ii. 134; visit to the Dar-es-Salaam district, iii. 308; remarks
 Kirk, Sir John—*continued*—
 at evening meetings, iv. 65, 87, v. 543; receives patron's medal, iv. 433; on the Kilimanjaro expedition, vi. 600; letter from King Mtesa to, vi. 89
 Kirman, Persia, v. 124, 130
 Kirta valley, i. 59
 Kirthar hills, i. 60
 Kirui, Bangweolo lake, vii. 334, 605
 Kisunga district, East Africa, v. 582; trade route from, to Lake Nyasu, O'Neill's exploration of, iv. 47
 Kishanguu river, vii. 709, 713
 Kishni Dagh, Caucasus, xiii. 320, 321, 322
 Kisi island, Bangweolo lake, vii. 334, 605
 Kisiguli mountain, xiv. 541
 Kisimajulu harbour, Mozambique, iv. 596
 Kisimayu, Somali country, vii. 644; itinerary from, to El Wak, vi. 272
 Kisongo, E. Africa, iv. 734, v. 541
 Kissangué settlement, W. Africa, v. 696
 Kissao river, W. Africa, ii. 707
 Kistna river, viii. 693, 694
 Kita, near the Niger, v. 36
 Kitaba, West Africa, v. 711, ix. 189
 Kitara country, xiv. 823
 Kitava or Nowau island, xiv. 415
 Kitchener, Capt. H. H., trigonometrical survey of Cyprus, map, vii. 411; Survey of Western Palestine, v. 304 †
 Kiteke, Vocabulary of, Sims, ix. 58 †
 Kitimbin, E. Africa, vii. 140
 Kittam river, Sierra Leone, xiv. 439
 Kittar, valley and waterfall, ix. 670, 672, 673
 Kittim, origin of the word, i. 106, 107
 Kiulu range, E. Africa, vii. 154
 Kivuluni-Umfussi lagoons, E. Africa, vii. 431
 Kiwa Pori tribe, ix. 601
 Kiwai and Kiriwina tribes, New Guinea, xiv. 328, 793
 Kiwai island, Fly river, xii. 854, 690
 Kiwirwa river, Central Africa, xiii. 89
 Kiwirwa river, West Africa, v. 708
 Kiwirwa river, Central Africa, iii. 551
 Kizil Art pass, ii. 499, xiv. 9, 11
 Kizil Arvat, route from the coast to, i. 172 *
 Kizilbash tribe, Asia Minor, vi. 313; Western Kurdistan, x. 104
 Kizil-bulak, road to Afghanistan *via*, v. 6
 Kizilje Dagh, latitude of, x. 162
 Kiziltash Dagh, latitude of, x. 161, 162
 Kizuato Shito tribe, ix. 756
 Kizul-Kum desert, i. 385, iv. 637
 Kizul-su river, Surkhah or Wakhsah, vi. 494 *et seq.*, xii. 86
 Kizil-su river, voyage to Spitzbergen, ii. 111; discovery of land N. E. of Spitzbergen, vi. 40
 Kizil-su river, C. J. O., Karta öfver Konungens län i Haparanda på Grönlands Ostkust, vi. 304
 Kkutu, E. Africa, ii. 112
 Klagenfurt, map of environs of, vii. 697
 Klacena river, Alaska, xiii. 79, 82

- Klamath valley and lakes, Oregon, i. 695
 Klaproth, J., theory of the sources of the Irawadi, iv. 269
 Klu-tsu-kult river, Alaska, xiii. 82
 Klein, H. J., *Physische Geographie*, ii. 783 †
 Klein and Thomé, *Die Erde und ihr organisches Leben* †, i. 814, iv. 123
 Klements, D., *Drevnosti Minusinskago Muséya*, ix. 459 †
 Klerksdorp Gold Fields, maps of the, xii. 55, 355, 645
 Klöden, G. A. von, *Seen-Tabellen*, vii. 410 †
 Klokwin, Alaska, xiii. 75, 76
 Kloof and Karoo, Sport, etc., in Cape Colony, Bryden, xii. 53 †
 Klutschak, H. W., *Als Eskimo unter den Eskimos*, iii. 380 †
 Klydoskop, the, Hauser, iv. 327
 Knapp, Öröfa Jökull, xiv. 847, 848
 Knight, E. F., *Cruise of the Falcon*, vi. 103 †; *Cruise of the Alerta*, etc., xiii. 242 †
 Knight-Bruce, G. W. H., *Journals of the Mashonaland Mission*, xiv. 571 †
Knight Errant, survey work of the, iv. 552
 "Knobnoses" or Ma-Gwamba tribe, South-East Africa, v. 285
 Knollys, Major Henry, *English Life in China*, viii. 132 †
 Knutsford mount, New Guinea, xi. 606, xii. 207, 209
 Knutson, M., exploration in the Cameroons, x. 380
 Koangu river, West Africa, xiii. 176
 Kobadian. *See* Kabadian.
 Kobua river, Guadaleamar island, x. 363, 364
 Koch, Comdmr., maps of Western Africa and Afghanistan, viii. 340; *Croquis du Dahomey*, xii. 441
 Koch, G. A., *Die Abgrenzung und Gliederung der Selvetta-Gruppe*, vi. 300 †
 Kodiyan, Persia, v. 712
 Kodor Group, Caucasus, xiv. 101
 Koeboes of Sumatra, v. 657
 Koechlin-Schwartz, A., *Un Touriste au Caucase*, iii. 114 †; *Un Touriste en Laponie*, iv. 700 †
 Kofau river, Turkistan, vi. 498
 Koh-i-Baba range, i. 192, 245, 246, vii. 276; *Countries and Tribes bordering on Lumsden*, vii. 561 †
 Koh-i-Daman, i. 117, 118, 119
 Kohistan, Hindu Kush, i. 116; Ujfalvy on, i. 77 †
 Kohnh Bazar, Caspian, i. 166
 Koi, tribe of, Bustar, i. 377
 Koiari tribe and language, New Guinea, v. 357, xiv. 792
 Kojia Kalesi, ruins of, Asia Minor, xiv. 55, 56
 Kokcha river, Turkestan, vi. 498
 Kokhand. *See* Khokand.
 Koki district, Central Africa, xiv. 413, 832
 Koko-nor lake, Central Asia, iii. 345, iv. 617, vii. 169
 Koko-shili or Blue range, ix. 224 *note*.
 Kok-su valley and mountain, i. 125, vi. 495
 Ko-kn-rye, Korea, xiv. 155
 Kola, E. Africa, the road to, i. 417
 Kola Peninsula, ii. 593; expedition to, xiii. 366; *id.*, Rabot, viii. 48; Results of Expedition in 1891 to, Petrelius, xiv. 866 †; Town, ii. 600
 Koldeway, R., *Itinere auf der Insel Lesbos*, xiii. 183 †
 Koleutang or Great Skarcies river, xiv. 437
 Kolff, Lieut., visit to New Guinea, vi. 201
 Kôli or Kôlis, Asia, iv. 655
 Koli La Pass, S. E. Tibet, vii. 316
 Kollbrunner, E., *Der Beobachter*, iii. 381 †
 Kollur, ancient diamond mine in India, iv. 641
 Kolm, G., *Verhandlungen des Neunten Deutschen Geographentages*, xiv. 198 †
 Kom, Persia, x. 642, xii. 529; river of, x. 627 *note*, xiii. 647
 Komerup, M., explorations in Greenland, ii. 191
 Komono mount, W. Africa, xii. 168
 Komrud village, Persia, x. 626, 627 *note*.
 Koneha, source of the Benue near, v. 551
 Konde country, E. Africa, ii. 209; plain, xii. 727, 728; range, iii. 258, 275, 391
 Koner, Prof., death of, ix. 707
 Koner, W., on the Keeling islands, iii. 109
 Kong mountains, i. 787, xii. 167, 378, 611, xiv. 261; Burton on, iv. 484
 Kongoni river, E. Africa, xii. 138, 139
 Konin, latitude of, x. 163
 König, Th., *Geschäfts- und Reise-Karte von Europa*, vi. 427 †
 Koniak, Prank, Togoland, x. 309
 Koniak, India, iv. 458
 Konkarmo, Guiana, vii. 500, 501
 Konshin, M., journey in Transcaspian country, ix. 430, 431; on the old channel of the Oxus, vii. 253, xiv. 236; on the Attak Oases and the Transcaspian deserts, ix. 625
 Koolmans Beynen, promoter of Arctic research, v. 348. *See* Beynen.
 Koon tribe, Burma, iv. 323
 Kootenie river, N. America, xi. 154
 Kopa river, Central Asia, ix. 426 *note*.
 Köppen, F. T., *Verbreitung der Holzgewächse Russlands*, xii. 119 †
 Korak (or Kariak) tribe of Tehukthes, iii. 568
 Korat, longitude of, Siam, xiii. 111.
 Korea—
 Aborigines of, viii. 289
 History of, Ancient and Modern, Ross, ii. 139 †
 Journeys in—Bernerston, vii. 242; (North), Campbell, xiv. 141 †; Carles, vi. 287, vii. 460, 608, viii. 289 †
 Lava fields of, vii. 608
 Life in, Carles, x. 311 †
 Maps of—Hassenstein, v. 628; Rondo-Mako'o, v. 563

Korea—*continued*—

- Minerals of, xiv. 151, 160
 Photographs of, Campbell, xiv. 284
 Population and revenue of, v. 284
 Ports of, iv. 509; notes on that of Gensan, ii. 700
 Relations with Japan, v. 238
 Surveys of, vi. 378; by the Japanese, i. 793; of the coasts, v. 386, 597, 598
 Trade with, Vennukoff on, iv. 564
 Treaty with, attempts at, viii. 290
 Visit to, 1882, Hall, v. 274 *; Woolley, ii. 313
 Volcanic traces in, viii. 302
 Voyages to, Oppert, ii. 139
 West coast of, difficulty of approaching, v. 275
 Koreans, compared with Japanese, v. 276
 Korfu, original map of, x. 55
 Korkai, S. India, vii. 372
 Korla, Central Asia, xii. 84
 Koro Koro, W. Africa, xii. 131, xiv. 520
 Koronos mountains, Persia, x. 85 *note*.
 Korosko, March from Berber to, Grant, vi. 326 *
 Korotnef, M., voyage in the Malay Archipelago, x. 596
 Korti, From, to Khartum, Wilson, viii. 129 †
 Koruldash (or Ailama) peak, height of, xii. 284
 Koschitzky, Max von, Deutsche Kolonialgeschichte, x. 181 †
 Koscusko mount, Australian Alps, vii. 248
 Koshtantan mountain, Caucasus, vii. 600, viii. 644, ix. 619, 767, x. 589, 688, 689, xii. 284; Ascent of, Mummery, xi. 351 *, Holder, xi. 363
 Kosi, W. Africa, xiv. 517
 Koslowski, Colonel, discovery of fresh-water lake near the Sea of Aral, xiii. 296
 Kosseir and Koptos (Kuft), old trade route between, ix. 661, 662
 Kossiakoff, M., explorations in Western Asia, v. 392; Journey in Karateghin and Darwaz, transl. Morgan, viii. 32 *
 Kostenko, M., on the population of Turkistan, x. 304
 Kota Kota, Lake Nyasa, i. 291, 292, xii. 723
 Kotal-i-Kandar, Turkistan, xiv. 783
 Kotch Hissar, latitude of, x. 163
 Kotelný island, New Siberian Islands, x. 249; Baron von Toll's exploration of, ix. 577, 578
 Kotlik, Alaska, iv. 662, 663
 Kotli-Kandar pass, Hindu Kush, xii. 234
 Kotzebue Sound, ice phenomenon in, iii. 49
 Koula, latitude of, x. 163
 Koulen mountain, Ajmonier's excursion to, v. 741
 Kouni, country of, Senegal, Bayol's visit to, v. 561
 Kourapatkine, Col., Les Confines Anglo-Russes dans l'Asie Centrale, i. 405 †; Kashgaria, v. 304 †
 Koushid Khan Kala, iv. 347
 Kovalefsky, Maxime, Zakon i obychai na Kavkazé, xiii. 734 †
 Kovda river, Russian Lapland, ii. 595
 Koverski, General, on topographical maps of the Russian empire, xiv. 237
 Koyio, or Mount Yule, New Guinea, xiii. 229, 430
 Kowald, Mount, New Guinea, xii. 198, 199
 Koyukuk river, Alaska, report of expedition to, Allen, x. 396
 Kra, Isthmus of, Notes of a Journey across, Loftus, v. 564 †; journey to, Harmand, iv. 766
 Kraetzer, M., on the cultivation of mahogany trees in Tongking, vii. 395
 Krafft, H., visit to Japan, vi. 46, 297; Souvenirs de notre Tour du Monde, vii. 556 †
 Krakatau, Eruption of, vi. 142 *, 219; First News Concerning, Bonaparte, vii. 482 †; *transmission of*, Cotteau and Korthal, v. 500, F. on, xi. 252; Report of Royal Society Committee on, x. 805 †; map of, Metzger, viii. 135; work on, Verbeek †, vii. 554, viii. 604; theory of, vi. 135; pumice stone cast up by, vi. 135, 467
 Krakye, on the Volta, Ramseyer's journey to, viii. 248
 Kranz, M., Natur und Kulturleben der Zulus, ii. 590 †
 Krapf, Dr., discovery of Mount Kenia, iv. 747, ix. 522; journeys in Usambara, i. 81, *et seq.*; on the Wa-asi tribe, v. 528; death of, iv. 47
 Krarup, F., Zeniernes Rejse til Norden et Tolknings Forsøg, i. 152 †
 Krasnof, M., expedition in Russian Turkistan, ix. 51, 54, 425, 426, x. 598, 599; on his explorations near Lake Balkash, ix. 116; on the Kirghiz of Semiretchinsk, x. 54; report on agriculture and colonization in the same, x. 235
 Krasnovodsk, Caspian, i. 166, 167 *note*
 Kratke range, New Guinea, xi. 177
 Krause, Drs. A., expedition to Bering Sea and Strait, iii. 374, iv. 567; to the Chukche peninsula, iv. 92, 621; ethnographical map of the same, v. 750; maps of routes to the Eastern and Western Kussoca, v. 55; of the Chilkat region, v. 750; journey in the same, xiii. 295; the Tlinket Indians, vii. 767 †
 Krause, Dr. E. H. L., the flora of North Germany during the Middle Ages, xiv. 800, map, 866
 Krause, Dr. G. A., Mittheilungen der Riebeck'schen Niger-Expedition, vi. 425, 685; explorations in Upper Guinea and the Niger basin, viii. 722, ix. 510, 760
 Kraw. *See* Kra.
 Krebs, W., Klimatische Faktoren der Weltwirtschaft, xiv. 866 †
 Kreitner, G., Im fernen Osten, iii. 59 †; on the Irawadi, vii. 303

- Krestowaja Gora, Caucasus, x. 679
 Kretschmer, K., Die Physische Erdkunde im Christlichen Mittelalter, xii. 439; on Italian maps of the Middle Ages, xiii. 563
 Krick, Abbé, journeys to Tibet, ix. 355, 356
 Krishna, Pundit. *See* A—K.
 Krones, Dr. F. von, Die Deutscher Besiedlung der östlichen Alpenländer, etc., xi. 313 †
 Kroosi, Mozambique, iv. 597
 Kroumir country, Tunisia, Perrier's explorations in the, iii. 566
 Krüger, M. C., map of the Basuto country, v. 299
 Krümmel, Dr. O., Versuch einer vergleichenden Morphologie der Meeresräume, i. 409 †; Tiefenkarte des Australasiatischen Mittelmeer, iv. 328; Der Ozean, viii. 674 †; Tiefenkarte des Euböischen Euripus, x. 809; on the geographical results of the "Plankton" expedition, xii. 115; on the Sargasso sea, xiii. 613
 Kuango, etc. *See* Kwa-.
 Kuban river, proposed drainage of the islands in, xiii. 179
 Kubo valley, Burma, viii. 496
 Kuchar, Central Asia, ix. 750, xii. 85
 Kuching, capital of Sarawak, iii. 194
 Kuet-hua-cheng. *See* Kuku-khoto.
 Kuen-Lun range, Central Asia, iv. 614, v. 552, 614, vii. 168, 383, ix. 228, xiv. 207; Grombehevsky's expedition in the, xii. 357, 379, 422, 466; Mountain System of, Wegener, xiii. 692 †
 Kuerahi river, Amboella region, viii. 455
 Kufra oasis, Rohlf's expedition to, i. 341, ii. 508
 Kuh-i-Aag bala, Persia, x'i. 584
 Kuh-i-asmari, Southern Persia, v. 151
 Kuh-i-dil, or Kuh-i-huma, Southern Persia, v. 160
 Kuh-i-dinai, Persia, v. 146 *note*
 Kuh-i-Dom, Persia, xii. 588
 Kuh-i-Gugird, Persia, xii. 590, 591
 Kuh-i-kalah, Persia, v. 146
 Kuh-i-kelat, Persia, v. 162
 Kuh-i-Makraj, Persia, x. 629 *note*
 Kuh-i-mangasht, Persia, v. 147, 148
 Kuh-i-mareh, Persia, x. 628 *note*
 Kuh-i-rung, or Karun, river, Southern Persia, v. 146, 147. *See* Karun.
 Kuh-i-Surd, Northern Persia, v. 66
 Kuh Kachang, Northern Persia, v. 60
 Kuh Kadangal, Northern Persia, v. 69
 Kulu river, South Congo basin, viii. 736, ix. 707
 Kulu-Niadi river. *See* Kwilu.
 Kuisip river, S. W. Africa, ix. 511
 Kukenam mountain, Whitely's journey to, iv. 454, 457; river, vii. 508, 521, 529
 Kükenthal, Dr. W., explorations in Spitzbergen, ix. 515, xi. 684; Forschungsreise in das europäische Meeres, xii. 306 †
 Kuku-khoto, China, ix. 233, x. 491, xii. 57
 Kuku Nor. *See* Koko.
 Kulab, Turkistan, vi. 492, 503 *and note*
 Kulak glacier, Caucasus, xiv. 114
 Ku-lang-hsien, Central Asia, xii. 71
 Kuldja, town of, iii. 163, 164, 165, 167; Clarke on, ii. 489*; journey from, to Lob Nor, Prejevalsky, i. 147 †; to Turfan, Regel, iii. 340*; journey to, 1880, Dalmar Morgan, iii. 150*; proposed removal of, iv. 97
 Kulikoro, From, to Timbuktu, Jaime, xiv. 872 †
 Kullmann, G., school map of the kingdom of Saxony, v. 440
 Kum, Persia. *See* Kom.
 Kumaon, climate of, vi. 69; Life and work in, Kennedy, vii. 53 †
 Kumawu, Dilger's journey to, in 1883, viii. 248
 Kumbar, height of, Kafiristan, vi. 7
 Kumkh, Afghanistan, vii. 608
 Kumki valley, Upper Assam, ix. 26
 Kummersberg, H., Administrativkarte von Galizien und der Bukowina, iii. 637
 Kumo-Manyteh lowlands, ix. 429 *note*
 Kunar river, Hindu Kush, i. 112, 113
 Kund, Capt., explorations in the Congo basin, viii. 270, 628, 634, 636, 735*, ix. 338; in the Cameroons, x. 447, xi. 375, 407, 563, 564
 Kund range, Kafiristan, iii. 284
 Kunda mountains, South India, 727
 Kunduz river, i. 248
 Kunge-Alatau range, Turkistan, x. 640
 Kunges river, Central Asia, ii. 493; valley of, iii. 343 *note*
 Kungmalane plain, Siam, x. 126
 Kurad, trans-Caspian region, v. 392
 Kuntze, O., Um die Erde, iii. 696 †
 Kur River, Notes on, Houtum-Schindler, xiii. 287*
 Kurbal district, xiii. 291
 Kurdistan, journeys in, Binder, x. 173; account of, x. 395 †; *id.*, Mrs. Bishop, xiv. 258
 Kurds in Asia Minor, vi. 313, x. 104
 Kuren Dagh range, i. 180
 Kurgan-i-Ghujadai fort, xii. 234
 Kura river, Persia, v. 70
 Kurile islands, Flora of, Nuyabe, xiii. 123 †
 Kurische Nehrung and its inhabitants, Bezzenberger, xi. 186 †
 Kurla town, Tibet, ix. 737
 Kuropatkin, Col. A. N., Les Confines Anglo-Russes, etc., i. 405 †; Kashgaria, v. 304 †
 Kuro-Siwo, Japanese current, iv. 180, 181, ix. 98, xiii. 724
 Kurrahee, Past, Present, and Future, Baillie, xii. 434 †
 Kurram pass, fort, and district, Afghanistan, i. 47-49; routes from, to Ghazni, ii. 561. Valley, iii. 78; rivers, towns, and climate of, i. 618-623; Surveys in, Martin, i. 617*
 Kurrand, Northern Persia, v. 71
 Kurtu river, Central Asia, ix. 426 *note*
 Kurtz, Dr., explorations in the Chilean Andes, x. 168, xii. 752

Kuru, or Lhobrak Chu, river, Bhutan, x. 420
 Kurush, Caucasus, xiii. 315, 319, 322
 Kurusu mount, South Africa, xii. 347
 Kusaie islands, viii. 557
 Kusan, Afghan settlement on the banks of the Hari-rúd, v. 6; road from, to Pul-i-Khatún, impossible, v. 17
 Kúshán pass, Hindu Kush, i. 115
 Kushk, Afghanistan, v. 4; river of, vii. 562, 565
 Kushk Rúd, Afghanistan, vii. 164
 Kushunuk, Alaska, iv. 666
 Kusilvak mountains, Alaska, iv. 664, 665
 Ku-soa hill, Formosa, xi. 236
 Kuster, Dr. E., Die deutschen Buntsandstein-Gebiete, etc., xiii. 635 †
 Kuta river, Central Africa, vi. 291, 292; Heawood on, vi. 344
 Kut-kashin village, Caucasus, xiii. 327
 Ku-tsung tribe, viii. 381
 Kütyka pass, Tian Shan, xii. 668
 Kuzluk pass, Northern Persia, v. 76
 Kuznetsk region, Adrianof's explorations in, iv. 110
 Kuznetzof, M., on the waters of the sea of Azof, x. 596; projected expedition to the Caucasus, xi. 309
 Kwa, or Bochini, river, Congo basin, vii. 353, 355, viii. 627. *See* Kwango and Wabuma
 Kwa-ch'hôn town, Corea, v. 279
 Kwa mouth, latitude of, vi. 743
 Kwa Muniya, E. Africa, xiii. 199, 203
 Kwaja Ali, Afghanistan, vii. 160
 Kwaja Shahaz Kuh mountains, viii. 139
 Kwajawata island, New Guinea, xiv. 415
 Kwakiutl tribe, British Columbia, xi. 457, 458
 Kwakwa river, S. E. Africa, vii. 337, xii. 137, 717
 Kwala Kupang, Malay Peninsula, iv. 404
 Kwala Lumpur, Malay Peninsula, iv. 394
 Kwa-liang bay, Formosa, vii. 16
 Kwamatola, E. Africa, iv. 69, v. 397
 Kwando river, South Central Africa, i. 383. *See also* Chobe.
 Kwango river, ii. 648, iv. 703, v. 578, vi. 448, vii. 357-359, 739, ix. 707, 708; exploration of, Grenfell, ix. 239; *id.*, Mechow, iii. 573, (map) vii. 60; position of mouth, and volume of, viii. 628; sketch-map of district between Vivi and, vii. 775; survey of the lower, Menze, (map), xi. 466
 Kwangsi province, China, iv. 764; trade of, xiii. 258-262
 Kwangtung province, China, ii. 159
 Kwang-yen town, viii. 224
 Kwanza river, W. Africa, iv. 702
 Kwei-chau province, Baller's journey to, iii. 46
 Kwei-chau-fu, Sz-chuen, xiii. 330
 Kwei-hwa-cheng, xii. 57. *See* Kuku-khoto.
 Kwei-yang-fu, journey from Canton to, Mesny, ii. 651
 Kwen-lun. *See* Kuen.
 Kwilo river, Lower Congo, iii. 21, vi. 189; trib. of Kassai. *See* Kuilu.

Kwilu-Niadi river, W. Africa, iv. 512, v. 484, 710, vi. 181, 623, 624, x. 101; Elliott's Expedition to, vi. 656*
 Kwito river, Central Africa, iii. 45
 Kwitu village, Upper Burma, xiv. 166
 Kwobanne mission station, xiv. 675
 Kyanyat, Burma, x. 263
 Kyatpyen tribe, Burma, x. 268
 Kyendwin river, Burma, vii. 301, viii. 484, 491, 492. *See* Chindwin.
 Kyins, or Chins, tribe of, vii. 314
 Kymore range, viii. 681
 Kyong-kwi and Kang-wôn provinces, Korea, viii. 306, 307
 Kyrenia range, Cyprus, xi. 705

L

Laak, Mr. Van, on the origin, etc., of the Oriental Museum at Vienna, ii. 198
 Lababri, valley of, S. W. Persia, xii. 536
 Labarthe, M. Ch., on tours in Tongking, vi. 45
 Labat, J. B., Nouvelle Relation de l'Afrique Occidentale, xiii. 639 †
 La Biche river and lake, v. 634
 Lablache, Vidal, wall-maps of, viii. 206
 Labonne, Dr., Journey across Iceland, ix. 52; L'Islande et l'Archipel des Færœr, xi. 52 †
 Labore, position of, xi. 646
 Labrador, coast of, Packard, xiv. 504 †; inhabitants of, x. 203; Journeys in, Holme, x. 189*, Lacasse, x. 191, Lucas, xv. 572 †, Peck, ix. 192
 Labre, Colonel, Exploration between the Beni and Purus rivers, xi. 496*; in Brazil, xii. 382
 Labryère, M., journey in the Soudan, i. 591
 Labuan, island of, North Borneo, iii. 205
 Laca-Ahuira river, Bolivia, iv. 672, 673
 Lacaudon, Rio, Guatemala, v. 196
 Lacasse, Père, journey in Labrador, x. 191
 Lacaze, H., Souvenirs de Madagascar, iv. 247 †
 Laccadive islands, population of the, xiii. 612
 La Combe, E. de, Expedicion al Rio Azupizu, xiv. 504 †
 Lacondones, settlement of, Guatemala, v. 45, 202
 Lacouperie, Prof. A. T. de, on the Chins of Burma, vii. 314; Did Cyrus introduce Writing into India?, x. 610 †; the Miryeks or Stone-men of Corea, x. 610 †; the Old Babylonian Characters, x. 610 †; the Old Numerals, etc., x. 610 †; the Sinim of Isaiah not the Chinese, x. 610 †; the Yueh-ti and the Early Buddhist Missionaries in China, x. 610 †
 Ladák range, Himalayas, v. 612, 615

- Ladó, position of, xi. 644, 646
 Lady Franklin bay, American expedition to, for meteorological observations, Greely, iii. 735, iv. 171, 570, 690, v. 378, 602; Report on the same, xi. 317 †
 Læerne, C. F. Van Delden, Brazil and Java, vii. 488, 620 †
 Laessoe, Capt. F. de, Caves and Ruins at Penjideh, vii. 583 *
 La Favière, P. A., De Cannes à Gènes, i. 283 †
 Laffan, Major-Gen. Sir R. M., obituary of, iv. 314
 Laffamme, Rev. J. C., on the lower basin of the St. Lawrence and the lake region of Labrador, vi. 681
 La Fon, village of, China, v. 173
 Lafone y Quevedo, S. A., Lóndres y Catamarca, xi. 59 †
 Lagbe, latitude of, x. 162
Lagos—
 Additions to the British Protectorate of, xiii. 685
 Commercial geography of, xi. 628
 Correspondence respecting the War in, x. 50 †
 Extent of colony, vi. 620
 Harbour of, xiii. 579
 Inland water communication in, sketch map of, ix. 529
 Journey from, up the Niger, Rev. J. Milum, iii. 26 *
 Notes on Yoruba and, Moloney, xii. 596 *
 Lahontan, Lake, Geological History of, Russell, ix. 321 †
 Lahoo tribe. *See* Moosur.
 Lahori range, i. 112
 Lahu river, W. Africa, xii. 167, 168
 Laidlaw, Mr., on the climate of the State of Oregon, xi. 505
 Laillet, E., carte de Madagascar, vii. 193, xii. 55
 Laing, A. G., journey to Timbuktu, iii. 316
 Laird & Oldfield, Messrs., ascent of the Benue, xiii. 449
 Lajhwar tribe, Afghanistan, i. 634, 643
 La Joya, altitude of, Peru, xii. 229
 Jakpyang, Upper Burma, xiv. 167
 Lake basins of the Pyrenees, Belloc on, xiv. 630
 Lakeraï Kotal, Afghanistan, i. 626, 629; Martin's ascent of, i. 631
 Lakes of France, Delbecq's survey of, xiv. 556
 Lakman, ruins of, Turkestan, vi. 506 *and note*
 Lallemand, Ch., on correcting levellings in mountainous countries, xi. 558; Tunis et ses environs, xii. 437 †; La Tunisie, xiv. 807 †
 Lallemand, Avè. Estudio Orografico en la Cordillera de Mendoza, ix. 715 †; map of the province of San Luis, v. 630
 Laloke, valley of the, New Guinea, v. 355
 Lama An len peak, xiv. 616
 Lama, work of the, in S.E. Tibet, viii. 428, 429
 Lamag river, North Borneo, x. 3
 Lamas, P.S., on the economic situation of the Argentine Republic, vi. 97
 Lamas river and gorge, Cilicia Tracheia, xii. 450, 452
 Lamas, the Land of the, Rockhill, xiv. 60 †
 Lánathologa range, Tibet, vii. 72
 Lambay or Lieu-Kieu island, Formosa, vii. 8
 Lambert, C. and S., Voyage of the *Wanderer*, vi. 173 †
 Lambert, M., purchase of Obok by, vii. 108
 Lambton, Major, survey work in India, vii. 677, 678
 La Merced, Central Peru, xiv. 385
 Lamington, Lord, Journey through the Shan States, xiii. 701 *
 Lamothe, M. de, on changes of level in the bed of the Nile, ii. 585
 Lan, L., plan de la Commune de Marselle, etc., ii. 203
 Lanai, population of, vii. 462
 Lan-chau-fu district, xii. 64-68
 Land divisions, area of the great, Levasseur, xiv. 629
 Land, the architecture of the, Geikie on, i. 430; materials of the, *id.*, i. 425
 Landaka, W. Africa, iv. 243
 Landana, W. Africa, vi. 181, 622, 623
 Landan, Baron von, Travels in Asia, Australia, and America, x. 744 †
 Landeen tribe, viii. 81
 Lander, Richard, ascent of the B. nue, xiii. 449
 Lanessan, J. L. de, La Colonie d'Obock, viii. 344 †; La Tunisie, ix. 649 †; L'Expansion Coloniale de la France, ix. 60 †; L'Indo-Chine Française, xi. 512 †
 Lanfranconi, E., Rettung Ungarns vor Ueberschwemmungen, iv. 440 †
 Lang, R. H., Cyprus: its History, etc., i. 283 †
 Langar village, Chinese Turkistan, xiv. 782
 Lange Berg Bushmen, viii. 439
 Lange, H., Karte von Sud-Brasilien mit Eisenbahnen, xiv. 67
 Langegg, F. A. J. v., Old Cairo, vii. 346 †; El Dorado, xi. 189 †
 Langen, Capt. G., the Key, or Ké, islands, x. 764 *
 Langenbeck, Dr. R., Die Entstehung der Koralleninseln, etc., xiv. 134 †
 Langle, Adm. Fleuriot de, death of, iii. 570
 Langle, M. de, discovery of remains of, at Tutuila island, v. 426
 Langier, J. R., Hughes's Picturesque Geographical Readers, x. 256 †; remarks at evening meetings, viii. 120, 203; on prizes to students of training colleges, x. 469

- Langlois, M. A. D., prize awarded to, by Paris Society, v. 358
- Langson, Tonking, xiii. 251, 252; caves and grottoes in rocks about, viii. 235, 245; routes to, and town of, viii. 228, 232, 233
- Language and Ethnography, Leitner, xiii. 242 †
- Languages, Tourist's and Student's Manual of, Slack, xiii. 572 †
- Lanier, S., Florida, vii. 491 †
- Lani La Pass, Tibet, vii. 69
- Lannoy De Bissy, Major R. de, on Recent French Explorations in the Ogowe-Congo Region, viii. 770*; map of Africa by, *see* Africa
- Lansdell, Rev. H., Through Siberia, ii. 643, iv. 119 †; Central Asia, v. 98, 609; Russia, vii. 484 †; Through Central Asia, etc., x. 49 †
- Laundowne, Lord, speech at anniversary dinner, v. 425
- Lan-Tsang river, v. 664, 665, vii. 75, 308, 309. *See also* Mekong
- Lao-ho-kau, xii. 62
- Lao-pai Shan, or Old White Mountain, ix. 541, 542
- Laos Shans, the, v. 673
- Laos tribes, Archer's notes on, vii. 745; slave trade in, v. 429
- La Paz, Bolivia, v. 335, *et seq.*, xiii. 49; inhabitants of, v. 344; river of, v. 314, 323, 341, 343, xiii. 49
- Lapérouse centenary meeting of Paris Geographical Society, x. 471
- La Plover, M., Alaska, height of, ix. 279
- Lapierre, M., explorations round Tete, iv. 419
- Lapland—
Journey in, Bukharoff, viii. 533 †; Rabot, iii. 759, iv. 105, 768
Murman coast of, Podgaetsky on, xiii. 187
Russian, ii. 278; Notes on, Temple, ii. 593*; exploration in, x. 454; Journey in, Rae, iv. 116 †; Notes on, Temple, ii. 93*
Swedish, mountains of, Brock on, viii. 58; Svenonius's explorations of, x. 454
Tourist in, Koechlin-Schwartz, iv. 700 †
Voyage on the coasts of, Temple, ii. 273*
Winter in, Baschin on a, xiv. 500
- La Plata, Geographical and Historical Dictionary of, Fregeiro, i. 285 †; the Land of, Friedrich, vi. 426 †; the Naturalist in, Hudson, xiv. 504 †
- La Plonge river, Athabasca, v. 646
- Lapps, the, their Origin, etc., Keane, vii. 833 †
- Laptief, Lieut., Arctic expedition of, i. 19
- La Puente, Dr., Estudio Monografico del Lago Titicaca, xiv. 504 †
- Lapworth, Prof., Hollows of the Earth's Crust, (Geol. Sect., Brit. Ass.), xiv. 588*, 876 †
- Lar river, Persia, v. 63
- Larat island, Timor Laut, formation of, vi. 121
- Larcom, Sir T. A., obituary of, ii. 417
- Lardner, Col. J., obituary of, v. 389
- Larecaja river, tributary of Beni, v. 314
- Largeau, V., Le Pays de Birha, Ouargla, Voyage à Rhadamès, i. 741 †
- Lark, surveying ship, in the Indian Ocean, v. 593
- Larnaca, Cyprus, i. 97, 98, xi. 715
- Larochette and Mayer, grand planisphere terrestre, ii. 400; map of the world, v. 115
- Laroki river, New Guinea, xii. 211
- La Ronge, Lake, Athabasca, v. 645
- Larrien, Abbé, La Grande Muraille de Chine, x. 315 †
- Larsen, M., journey in Siberia with the *Jeannette* search expedition, v. 107
- Lasaulx, A. von, Sicilien, i. 537 †; Der Aetna † (from the MSS. of Dr. Sartorius), ii. 520, iii. 58
- Las Beyle, Beluchistan, xiii. 173
- La Selve, Ed., Le Pays des Nègres, iii. 505 †
- Lassailly, C., carte spéciale du Maroc, xiv. 269
- Last, J. T., on the tribes of East Africa, i. 788; founds new station at Mamboia, iii. 223; Journey into the Nguru Country, iv. 148*; notes and report on the Masai, iv. 224, v. 380; Visit to the Masai beyond the Nguru Country, v. 166, 517*; to Wa-itumba Ironworkers, v. 581*; grants of instruments to, v. 415; remarks on East Africa, vii. 452; Cutbert Peek Grant awarded to, vii. 478; Expedition to the Nanuli Hills, vii. 455, 671, viii. 99, 328, 431, 781, ix. 42, 188, 340, 467*; map of Eastern Africa, xii. 223, 224
- Lataband pass, Safid Koh range, i. 42
- Latimer, S. F., the English in the Canary Isles, etc., xi. 254 †
- Latimer, T., a Summer Climate in Winter (Teneriffe, etc.), xi. 254 †
- Latium, wall-map of ancient, Kiepert, x. 545
- Latpari pass, Caucasus, vii. 598, x. 327
- Latzina, F., Geografia de la República Argentina, x. 742 †; Diccionario Geografico Argentino, xiii. 741 †
- Lau, Benue river, xiii. 460
- Laughlan islands, Macgregor's visit to, xiii. 177
- Lauridsen, P., Vitus J. Bering og de Russiske opdagelsesreiser, etc., viii. 404 †
- Laurie, Col., Ashé Pyee, the Superior Country, etc., iv. 246 †
- Lauser, Dr. W., Herbstaussflug nach Siebenbürgen, viii. 274 †
- Laveleye, E. de, La Péninsule des Balkans, and Engl. translation, ix. 315 †

- Lavigerie, Mgr., expedition to Central Africa, i. 453
- Lavigne, M. G. de, on altitudes of railways in Spain, i. 806; on guarantees for protection of authors, etc., vii. 304, 395
- Law, E. F., on trade routes in Persia, xi. 242
- Law, Père, positions of places in South Africa, ii. 367; expedition to Umzila's country, iii. 177, 306; death of, iii. 423
- Lawa race, viii. 7, 8, 499, 500
- Lawa river, Guiana, xiii. 565
- Lawas river, Borneo, v. 721
- Laves, Rev. W. G., Notes on New Guinea and its Inhabitants, ii. 602*; explorations in S. Eastern New Guinea, iv. 160, v. 355
- Lawrence, E., the Progress of a Century, ix. 134†
- Lawrence, Lord, obituary of, ii. 417
- Lawrence, Mr., on the formation of a Liverpool geographical society, xiv. 50
- Lawrence, the, Indian coast surveys of, xiii. 611
- Laws, Rev. R., Journey along the Western side of Lake Nyasa, 1878, i. 305*; expedition to its N.E. end, iii. 42; work on Lake Nyasa, iii. 660; station at Mombera, iv. 686; the Tshigunda Language of the Lower Zambesi, ix. 58†; Concords, etc., of the Chinyanja Language, ix. 58†
- Lawson river, vii. 359. *See* Lefini.
- Lawson, W., Manual of Modern Geography†, ii. 202, 346
- Lawson, W. R., Spain of To-day, xii. 300†
- Layard, Mrs., Through the West Indies, x. 110†
- Layard, Sir Henry, Early Adventures in Persia, etc., x. 49†; travels in South Western Persia, xii. 552
- Lea, Rev. T. S., the Island of Fernando do Noronha in 1837, x. 424*
- Leaders into Unknown Lands, Montefiore, xiv. 134†
- Leaf-cutting ant of Uruguay, ii. 683
- Leake, Lieut.-Col., map of Lower Egypt, iv. 710
- Léal, F. A., La République Dominicaine, xi. 189†
- Leared, A., Visit to the Court of Morocco, i. 345†; Morocco and the Moors, xiii. 568†; obituary of, i. 802
- Lebanon, Geology of, Fraas, i. 147†; Physical Geography and Geology of, Diener, ix. 259
- Lebedeff, Maj.-Gen., on the triangulation of Bessarabia, vi. 474; of Bulgaria, xi. 391; geodetic work in Bulgaria, xi. 312
- Loblan, L., le Havre et ses environs (map), ix. 655
- Lebombo range, Transvaal, x. 439, 446
- Lebon, A., France as it is, transl. Arnold, xi. 52†
- Lebour, G. A., geological map of Northumberland, i. 480; Geology of Northumberland and Durham, ix. 57†
- Le Bruat*, the, visit to the island of Vanikoro, v. 741
- Lebui river, position of mouth, and volume of, viii. 628
- Lechuana pool, viii. 441
- Lecky, Mr., Remarks at the Dinner to Mr. Stanley, xii. 497; at the anniversary dinner, xiv. 498
- Leclercq., J., Le Tyrol et le Pays des Dolomites, ii. 269†; Voyage aux Iles Fortunées (Canaries), ii. 782†; the Sea of Iee, v. 48†; journey to the ruins in Mexico, vi. 478, vii. 50; Voyage au Mexique, vii. 618†; La Torre des Merveilles, viii. 407†; its Geysers, vii. 771†; Les Monuments de Samarcande, xii. 244†; Du Caucase aux Monts Alai, xii. 502†; Voyage au Mont Ararat, xiv. 503†
- Lecomte, Père, explorations in West Africa, x. 248
- Lo Conte, J., Flora of the Coast Islands of California, x. 51†; oil mills at Diego Garcia, viii. 387
- Lectures at the exhibition of geographical appliances, viii. 16, 121, 193, 198
- Lededi lake, East Africa, v. 398
- Ledoulx, Ch., on African expeditions, vii. 49, 193, 393, 399; on the new French station in Central Africa, vii. 252
- Leech, W. C., explorations in Eastern Perak, ii. 634
- Leeder, E., wall map of the Alps, v. 748; of Europe, viii. 136
- Lees, J. A., Ramble in British Columbia, xi. 59†
- Leesaw tribe, Burma, vii. 315, x. 269
- Leeuwin, Cape, survey in the district of, Western Australia, v. 597
- Lefebvre, Lieut., visit to the Galla country, vi. 258
- Lefebvre, P., Souvenirs de l'Indo-Chine, viii. 671†
- Lefevre, Sir J. Shaw, death of, ii. 402
- Leffert glacier, viii. 165
- Lefini, or Lawson, river, W. Africa, vii. 359, 455, viii. 629
- Lefroy, G. S., Sketch map of Perak, xiv. 733
- Lefroy, Gen. Sir J. H., Memorials of the Discovery, etc., of the Bermudas, i. 406†; address to British Association, 1880, ii. 574, 1884, vi. 583; on the importance of Hudson's bay, iii. 582; Historie of the Bermudas, edited by, iv. 577†; on Lake Athabasca, v. 641; Diary of a Magnetic Survey in Canada, vi. 104†; on the depth of frozen soil in the Polar regions, vii. 761; Report on the same, viii. 740*, ix. 769*; remarks at evening meetings, v. 42, 203, 204, 516, vi. 132, 134, vii. 123, 126; obituary of, Hooker, xiii. 115
- Lefroy, Mount, Rocky Mountains, xi. 155
- Leger, L., La Save, Le Danube, et Le Balkan, vi. 168†

- Legge, J., *A Record of Buddhistic Kingdoms*, translated by, viii. 671 †
 Légla Galla tribe, iv. 44
 Leguat, Fr., *the Voyage of, to Rodriguez*, etc., xiv. 428 †
 Lehmann, Dr. R., x. 608 (*see Kirchhoff*); on geographical education, vii. 673
 Leichhardt, Dr. L., expedition in Central Australia, Search for the relics of, ii. 375, iii. 566; reported discovery of, iii. 227; *Briefe an Seine Angehörigen*, edit. Neumayer and Leichhardt, iii. 638 †
 Leif's voyage to Vinland, vii. 31. *See Erikson*
 Leila falls, Rio San José, x. 69
 Leila summit, Sella's photograph of the view from, xii. 97
 Leipzig, Geographical Society of, proceedings of, i. 807, ii. 69, 138, 198, 322, 323; plan of, Hetzel, ix. 463
 I. 304, xiv. 34
 I. of Language and Ethnography, xiii. 242 †
 Lei-yang, China, ii. 159
 Lejanne, Dr., account of the Crevaux expedition in S. America, iii. 243
 Lokegian & Co., photographs of natives and Scenery of Egypt, xiii. 700
 Leketi, position of, ix. 189
 Leksur glacier, length of, xiv. 111
 Lelarge, G., *Les Voies de Communication du Monténégro*, xiv. 722 †
 Lélé island, Caroline Archipelago, iv. 93; remarkable ruins at, viii. 558
 Lella Kredija, Algiers, xiii. 111
 Le Long, M. J. de, on immigration and emigration in the Argentine Republic, xi. 556
 Lelman, Lake, Account of, Forel, ix. 258 †. *See Geneva*
 Le Muns, map of, iv. 775
 Le Marinier, Lieut., exploration of the Lomani, xiii. 87; on the Mobangi, xiii. 176; expedition to Katanga, xiv. 178
 Leimbach, geological map of the environs of, Tietze, iv. 447
 Lemerrier, map of Europe, i. 228
 Le Messurier, Col., from London to Bokhara, etc., vii. 52 †; photographs of the Black Mountains, etc., x. 503
 Lemire, C., *Colonisation française en Nouvelle-Calédonie*, i. 223 †; discovery of carved Annamite panels, vii. 393
 Lenos, A. M., *Compendio de Geografia de la Republica de Colombia*, x. 110 †
 Le Moyné, A., *La Nouvelle Grenade*, ii. 394 †
 Lemström, Prof., on the Finland Observatory, p. 390
 Lena Delta, expedition to, Bunge and Von Toll, viii. 393; in the, Melville, vii. 261 †; Russian meteorological station in, iv. 91, 570, v. 231, 390; observations at the same, Eigener †, viii. 749, ix. 522 †
 Lendenfeld, Dr. R. von, ascent of Mount Cook, vi. 62; Karte der Neuseeländischen Alpen, vi. 614; explorations in the Australian Alps, vii. 248; viii. 192, (and those of New Zealand), xi. 251; the Glacial Period in Australia, ix. 208 †; map of routes in South-East Australia, ix. 529
 Lenjan valley, Upper and Lower Persia, v. 144
 Lenk, Dr. H., geological studies in the highlands of Oaxaca, Mexico, xi. 384
 Lennard river, North-West Australia, v. 723
 Lenormant, F., *La Grande-Grèce* †, iv. 115, v. 254
 Lenthéric, Ch., *La Province Maritime, Ancienne et Moderne*, i. 809 †
 Lenz, Dr. O., *Reise vom Okandeland*, etc., i. 150 †; *Skizzen aus Westafrika*, i. 150 †; explorations in the Western Sahara, and visit to Timbuktú, ii. 196, 482, 518, 519, 777, 778, iii. 317, 371, v. 239, vi. 589; Timbuktú, vi. 683 †; on the mountains of the Lower Congo, v. 286; expedition to the Cougo basin, and attempt to relieve Dr. Junker, vii. 241, 339, 380, 742; viii. 330, 453, 596, 616, ix. 49, 114, 190, 240, 340
 Leonadie islands, New Guinea, ix. 72
 Leonardo da Vinci e le Alpi (with facsimile map) Uzielli, xiv. 345 †; Alpine notes of, Freshfield, vi. 335 †; journey in Asia Minor, vi. 323, 324
Leopardus marmoratus, Borneo forests, v. 95
 Leopold, Lake, East Africa, Johnston's visit to, xii. 225, 226. *See Rukwa*
 Leopold II., lake and river, West Africa, v. 578, 702, viii. 627, 628
 Leopold ranges, Australia, v. 728
 I. Pool, iv. 687, v. 574, 575, vi. 191, 743, ix. 190
 Lépervanche, P., *Carte de l'île de Réunion*, vii. 414
 Le Plongeon, A., on the tribes of Central America, ii. 580, 581; Sacred mysteries among the Mayas and Quiches 11,500 years ago, xiii. 240 †
 Lepper, C. H., on an overland route to China, etc., iv. 623; the Lu river of Tibet, ix. 373
 Lepsa river, Central Asia, iii. 156, xiii. 209
 Lepsius, R., *Das westliche Süd-Tirol, geologisch dargestellt*, i. 283 †; *Geologie von Deutschland*, x. 803 †
 Lepsy's Grammar, etc., Language of Béarn, transl. Molyneux, x. 538
 Lequès, M., researches in New Caledonia, etc., v. 236
 Lérès, G. de, *L'Italie du Nord*, xi. 115 †
 L. reaux, M., award of Paris Society's prize to, vi. 251
 Leroy-Beaulieu, Prof. P., *Colonisation chez les peuples Modernes*, xiv. 810 †
 Lesan, Persian, v. 96

- Lesbos Island, Itinerary in, Kiepert and Koldewey, xiii. 183†; maps of, *id.*, xii. 369
- Lesghian race, Caucasus, xiii. 313
- Leshmel pass, height of, vii. 598
- Leslie, David, among the Zulus and Amatongas, i. 204†
- Leslie, R. C., Life aboard a British Privateer in the time of Queen Anne, xi. 124†
- Lesquereux, Prof. L., on the treelessness of the American prairies, xiv. 80
- Lessar, M., Journeys in Turkomania, iv. 486*, 566, v. 1*, 43, 232, vi. 474; survey for the Trans-Caspian railway, iv. 216; journey in the mountains of Deraghiz and Kelat, v. 175; survey in Afghanistan, v. 382; on the ancient bed of the Oxus, v. 561; on the Kara-kum Desert, vii. 231*; remarks at evening meetings, vii. 286, 292, 582; on the Afghan-Russian frontier, viii. 273
- Lesseps, M. F. de, on French explorations in Africa, iii. 500; addresses to Paris Geographical Society and Congress, iv. 284, v. 44, xi. 554; visit to the R. G. S., iv. 735; on the Panama Canal, (and Suez Canal) vi. 93, vi. 478, x. 665; on his visit to the same, viii. 471; on the locks of the same, x. 241; on French rights in the Red Sea, vi. 160
- Lesson, A., Les Polynésien, ii. 142, vi. 484
- Lestrade, P., Géographie du Département de la Corrèze, xiv. 866†
- Le Strange, Guy, Palestine under the Moslems, xiv. 131†
- Letaille, M., archaeological mission in Tunis, vi. 477, 478
- Lethbridge, Sir Roper, editor of Thornton's Gazetteer of India, viii. 535
- Letroune, A. J., Œuvres Choiesies de, v. 308†
- Letts, Son and Co., atlases by—classical, vii. 272; popular, iii. 126, v. 440, vi. 488, xi. 196; school, of modern geography, vii. 272
- Leuty, Captain, shoals discovered by, v. 752
- Leuzinger, R., maps by—Canton of Aargau, iii. 524; France, physical and political, graphical, ii. 656, vii. 535, 536, 537, 538, v. 435, viii. 412; *id.*, relief, vi. 753
- Levant, History of trade of, in Middle Ages, Heyd, i. 809; Visit to Monasteries in, Curzon, ix. 264†
- Levasseur, E., possessions et colonies Françaises (map), i. 410; La Terre (map), ii. 80, vii. 349; La Statistique Officielle en France, vii. 616†; on territory in dispute between France and Brazil, viii. 60; La Statistique, viii. 281†; population of the earth, ix. 763; Les Alpes et les Grandes Ascensions, xi. 185†; petit atlas de la géographie économique, etc., du Monde, xi. 323; on the area and population of Ethiopia, xi. 677, of European countries, xiv. 469, 470
- Levasseur, E.—*continued*—
Brézil†, xi. 751, xiv. 133; Grand Atlas de Géographie Physique et Politique, xii. 776, xiv. 88†; on the influence of physical geography upon the population of England, etc., xiv. 317; Superficie et Population des États de l'Europe, xiv. 501†; Division de la Terre en cinq parties du monde, xiv. 578†; Note sur la Méthode d'enseignement de la Géographie, xiv. 876†
- Level, A. A., Nomenclator do Venezuela, ix. 526†
- Lévesque, Père, journey to Uganda, ii. 692
- Levy, G. C., Handy Guide to the River Plate, etc., xii. 641
- Lévy, P., on the gold-mines of French Guiana, vi. 46
- Lewin, Lieut.-Col. T. H., trade routes from Bengal to Tibet, i. 680
- Lewis, E. M., Physical Geography, ii. 202†
- Leycester, Captain E. M., obituary of, xi. 423
- Leyland, R. W., Round the World in 124 Days, ii. 462†
- Leys, M., travels in North-West Borneo, v. 721
- Leyst, E., Meteorologische Beobachtungen in Rußland, etc., ix. 458†
- Lhasa, city of, Tibet, vii. 67, *et seq.*; roads to, xii. 70; Rockhill's attempt to reach, xi. 730*
- Lhobra river, viii. 429
- Lhobrak or Kuru Chu river, x. 420
- Lhokalo or Lhoyul, rice-producing country, vii. 313
- Lhokba or Lhokaba tribe, vii. 313, 314
- Liabijai, village of, viii. 36
- Liakov or New Siberian islands (q.v.), Toll and Bunge in the, ix. 577, 578, x. 414
- Liambai river, S. Central Africa, i. 485
- Lian Gobi, or Ala-shan plain, xii. 71
- Liangar village, viii. 41
- Liang-chau, Central Asia, xii. 71
- Liang-kian bay, Formosa, vii. 11
- Liang-shan Hsien, China, i. 493
- Liau-tung province, ix. 531, 532, 562
- Liazi river, E. Africa, vii. 651
- Libbey glacier, Alaska, xi. 428
- Liberia, extent and trade of, vi. 619; free republic in, vii. 226; History of the foundation of, Wouvernans, viii. 61†; United States consul's report on, vi. 580
- Libikina, New Guinea, xiv. 863
- Library and map room, donations to, 1878, i. 139
- Library of R. G. S., reports on, i. 463, ii. 444, iii. 430, iv. 429, v. 412, vi. 414, vii. 471, viii. 463, ix. 451, x. 464, xi. 446, xii. 483, xiii. 500, xiv. 482
- Libreville, position of, ix. 189
- Libyan Desert, iv. 630; Exploration of, Rohlf, v. 678†; map of western part of, Berlioux, vii. 60; Observations on map of Journey in, Aschersen, vii. 486†

- Licheza river, E. Africa, vii. 654
 Lichtenberg, town of, viii. 66
 Lidedi lake, E. Africa, v. 398, vii. 433
 Lidsky, M., journey in Kamteghin, x. 534; in Turkestan and Bokhara, 1887, Report on, xi. 392 †
 Liebenow, W., maps by—Africa, viii. 676; Central Europe, vi. 107, 447; Riesengebirge, vii. 697; Turkey in Europe, viii. 63
 Liebscher, G., Japan's landwirthschaftliche, etc., Verhältnisse, iv. 443 †
 Lieder, Dr., on the coal deposits of Itule, Rovuma River, xiv. 719
 Liegard, Stephan, La Côte d'Azur, x. 736 †
 Liemba, harbour, Tanganyika, iv. 16
 Lien-haie or Lambay island, Formosa, vii. 8
 Lièvre, D., Honolulu et l'Île d'Oahu, xiv. 875 †
 Lihidzi river, Central Africa, xii. 152
 Lightning Conductors, Anderson, viii. 211 †
 Lijonyi or Elgon mountain, E. Africa, vi. 401, 708; route from, to Njemsi, iv. 746
 Liguria, geological map of the coasts of, x. 56; topographical map of, xi. 193, 702
 Likamasia. *See* Kamasia.
 Likangala river, Central Africa, ix. 177
 Likona-Mbunga river, viii. 629
 Likugu river, Mozambique, iv. 599, vi. 642, 727-735
 Likulwe river, Central Africa, xiv. 42
 Likwa. *See* Rukwa.
 Likwenu river, East Africa, x. 25
 Lille, geographical conference at, xiv. 555
 Lima, geographical society at, x. 384, xiv. 50, 392; description of the department of, Vergara, i. 813 †
 Lima, M., expedition to the Cnnene, i. 272
 Limay river, Argentine republic, iii. 593; exploration of the valley of, Rohde, iii. 234
 Limbi lake, Central Africa, ix. 43, 439
 Limika, Captain, description of ice in the Kara Sea, v. 662
 Limpopo river, S. Africa, vi. 31, xiii. 374; Chaddock's visit to the, vii. 241
 Lin-ching, Southern China, xiii. 252
 Lincoln, Lake, of Livingstone, Heawood on, vi. 91
 Lincoln, Pocket Guide to, Anderson, ii. 654 †
 Linde, F., map of the tea-producing districts in India, ii. 333
 Linde glacier, New Zealand, vi. 61, 63
 Lindeman, Dr., on the Chilcat country, etc., xiii. 295; on the denudation of Heligoland, x. 712
 Lindi, Last's journey from, to Blantyre, xii. 224
 Lindley, John, the Vegetable Kingdom, viii. 132 †
 Lindley, W., California of the South, x. 397 †
 Lindmann, Dr. M., on the wood maps of Greenland, viii. 339
 Lindsay, David, explorations in Arnheim Land, vi. 290; in Central Australia, viii. 647; Expedition across Australia, in, 1885, 1886, xi. 650 *; second journey across Australia, x. 711; great Australian expedition under, xiii. 364, xiv. 48
 Lindt, J. W., photographs of the new Hebrides, xiii. 448
 Lingah, Vaughan's journey from, to Bâjislân, xii. 577 *
 Ling-Nam, Views of Southern China, etc., Henry, viii. 474 †
 Linguistic and Oriental Essays, 1847-1887, Cust, ix. 720 †
 Lingzi-tang plateau, Tibet, ix. 352
 Linhares village, Rio Dôce, x. 68
 Linnæus's labours in botanical geography, iii. 598
 Lintippe river, Lake Nyasa, i. 309, 320, xii. 152
 Lipu Lek pass, Himalayas, xiii. 418
 Lipumbula mountain, E. Africa, iv. 71
 Liqwali river, E. Africa, vii. 663
 Lisbon, Geographical Society of, organization of, ii. 638; proceedings, iii. 113, iv. 62
 Lishehe, S.E. Africa, v. 399, 400
 Lisiansky, W., Voyage Round the World, xiii. 309 †
Lissochilus giganteus, orchid, W. Africa, v. 697
 Lista, Don Ramon, Viaje al país de los Tehuelches, Patagonia, i. 479 †; discovery of the sources of the Chico, i. 688; La Patagonia Austral, ii. 201 †; exploration of Patagonia, ii. 511; Exploracion de la Costa Oriental de la Patagonia, ii. 709 †; Exploraciones y Descubrimientos en La Patagonia, iii. 248 †; El Territorio de las Misiones, vi. 609 †; journey in Central Patagonia, viii. 60; to Tierra del Fuego, ix. 384, 456; Viaje al País de Los Onas, Tierra del Fuego, x. 542 †
 Lister, J. J., on Christmas island, x. 624; Visit to the newly emerged Falcon Island, xii. 157 *
 Lisungwe river, Central Africa, xii. 150
 Litang, A—K's journey from, to Sama, vii. 318, 319
 Litembwe river, Central Africa, xii. 745
 Litete's village, Central Africa, ix. 180
 Little, A. J., Through the Yangtse Gorges, x. 252 †
 Little, Mrs. A., photographs of the Yangtse gorges, xii. 443
 Little, Mr., explorations in North Borneo, x. 143
 Little, Rev. H., Madagascar: its History and People, vii. 55 †
 Littledale, St. George, Journey across the Pamir, xiv. 1 *
 Littus, magnum and parvum, of Ptolemy, xiii. 546
 Lituya bay, Alaska, ix. 279
 Liuyi river, Central Africa, xii. 154, 153

- Liverpool, formation of geographical society at, xiv. 49; navigation schools in, iv. 303, xiv. 407
- Livingstone, Dr., discoveries in Africa, iii. 685, 687, 689; and the exploration of Central Africa, Johnston, xiii. 635 †; Lake Lincoln of, Heawood on, vi. 91; Personal life of, Blaikie, iii. 62 †
- Livingstone (Congo) inland mission, iii. 176, 360; expedition to Stanley Pool, iv. 44, 294; at Kintamo, vi. 75
- Livingstone, or Konde, ranges, Central Africa, i. 322, iii. 253, vii. 333, xiii. 86
- Livingstonia, Lake Nyasa, iv. 226, 227, ix. 182, 183; work of the mission at, i. 303, 304; desertion of, viii. 83, 87
- Livinhac, Père, expedition to Central Africa, i. 513
- Livumbu river, Central Africa, ii. 618
- Ljassil pass, height of, vii. 598
- Llanos, On the, Sachs, i. 78 †
- Llauca river, Bolivia, iv. 673
- Llomakin, General, route to Kizil Arvat of detachment of, i. 172, *et seq.*
- Loanda, St. Paul de, W. Africa, v. 469, 692, 696; African Society at, iv. 114; chart of the coast of, viii. 415; railway from, to Ambaca, xiv. 803
- Loange river, Congo basin, vii. 739
- Loango, W. Africa, v. 695, 705, vi. 181, 623, ix. 189; German expedition to, Güssfeldt, Falkenstein, and Pechuel-Loesche †, i. 149, 478, iv. 324; Meteorological results of the same, von Danckelman, i. 149 †; observations on the coast of, Alexanderson, ii. 707
- Loangwa river, Lake Nyasa, i. 301
- Loangwa river, "ib. of Zambesi, v. 659, "ib. of the Sharpe, xii. 744*
- Loanja river, Middle Zambesi, xi. 220
- Loanje river, Middle Zambesi. *See* Luengue.
- Lob district, Central Asia, people of, ix. 737; Bonvalot on, xii. 235; mountain ranges south of, Morgan on the nomenclature of, xi. 375
- Lob Nor, Central Asia, iv. 615, 617; description of, vii. 807; Expeditions to, Griffiths, xii. 208*; Prejevalsky, i. 121, ix. 214, 229; Szekelyi, i. 595
- Lohit river, Mohang river, xi. 330
- Lobengula, king of Matabele-land, i. 243, 511, viii. 67
- Lobi falls, viii. 631
- Lobito, Bahia do, Plano hydrographico da, xiv. 67
- Lobley, J. L., Mount Vesuvius, xi. 748 †
- Loch-nam river, viii. 220, 229
- Lock, A. G., Gold, its Occurrence and Extraction, v. 50 †
- Lock, O. G. W., the Home of the Eddas, i. 477 †
- Lock, W. G., Askja, Iceland's Largest Volcano, iii. 471*, iv. 387 †; on the extent of the lava flood in Iceland, iii. 741; on Peck and Morgan's journeys in Iceland, iv. 146; Guide to Iceland, iv. 388 †
- Lockhart, Col. W., remarks at evening meetings, ii. 163, iii. 206; expedition to Gilgit, vii. 541
- Lockwood, E., Natural History, Sport, and Travel, i. 77 †
- Lockwood, Lieut. J. B., high northern latitude attained by, vi. 466, 595, viii. 159, 175, 176
- Lockyer, J. Norman, Outlines of Physiology: the Movements of the Earth, ix. 720 †; remarks at anniversary dinner, xiv. 498
- Locusteanu, C. T., Societatea Geografica Română, xi. 566 †
- Loczy, Herr, on the Upper Mekong and Salwin rivers, ix. 363, 364
- Lodun, Central Asia, xiii. 222
- Loescher, Geological Map of Italy, iv. 328
- Loesewitz, Capt., expedition to the Congo, i. 513
- Löffler, Prof. E., the Vineland: Excursions of the Ancient Scandinavians, viii. 411 †
- Loffoden islands, Norwegian Admiralty's soundings off, viii. 724; extent of bank, ix. 381
- Lofley, Cape, Franz-Josef Land, v. 205, 225
- Loftus, Capt. A. J., surveys in Siam, i. 793; Journey across the Isthmus of Kra, v. 564 †; cylinder axis sundial by, vi. 111; a New Year's Paper on the Kingdom of Siam, xii. 571 †
- Loftus, A. K., travels in S.W. Persia, xii. 552
- Lofu river, Tanganyika, iv. 5
- Logan, W., Malabar, x. 539 †
- Logar river, Hindu Kush, i. 119, 610
- Logari tribe, Afghanistan, iii. 73
- Logerot, A., Carte Générale de l'Europe, i. 153
- Logerot, J. G., plan de Paris Actuel, i. 612
- Loggie, Thos. G., map of New Brunswick, viii. 64
- Logue river, N.W. Australia, v. 723
- Löher, F. von, Cyprus, i. 283 †
- Lohit Brahmaputra river, vii. 75, ix. 360, x. 577
- Loi Chani Lem mountain, xiii. 709
- Loika river, viii. 631, ix. 288, 291, 298
- Loire, Hank, administrative map of, Erhard, i. 814
- Loja, province of, Ecuador, v. 353, xiv. 126
- Lokenye. *See* Lukenye.
- Lolo people, ii. 702, v. 445, viii. 377, xiii. 332, 333; identified with the Coleman of Marco Polo, v. 446
- Lo Magondi chief and town, iii. 355, xii. 149, 346
- Lomami river, vi. 92, viii. 628, 631, 632, ix. 644, xiii. 393, xiv. 179; Delcommune's ascent of, xi. 406; Janssen's, xii. 288; Hodister's exploration between the Lualaba and, xiii. 37
- Lombard, J. M., river, viii. 628, ix. 644
- Lombard, J. M., A. de la distribution géographique des melchies dans leurs rapports avec les climats, ii. 272 †

- Lombardy, maps of, *et seq.*, vii. 709;
Nessis, x. 400; *et seq.*, vi.
611
- Lome, Dupuy de, death of, vii. 393
- Lome or Be Beach, W. Africa, vii. 378
- Lomond, Loch, temperature of water of,
viii. 760
- Lomwe country and people, iv. 201-206,
644, 726, *et seq.*, vii. 432, 433; vocabulary of, O'Neill, vi. 647, *et seq.*
- London**—
Atlas, pocket, of, Bartholomew, xi. 467
Baedeker's Handbook of, and Environs,
iii. 502†
City of, large scale plan of, Bartholomew, vii. 773
Climatology, comparative, of, etc.,
Thornton, xiii. 372†
County of, map of, Stanford (contoured),
xiv. 879; Johnston (proposed city
and), vi. 358
Environs of, maps of, Bartholomew, xiii.
309; Philip, x. 400; Stanford (library), xiii. 190
Maps of, Mason and Payne, ix. 591;
Philip (redistribution), vii. 265, 773;
Stanford, vi. 427
Navigation schools in, iv. 303
North, plan of, Bartholomew, xiv. 732
London Library, Catalogue of, x. 744†
London Missionary Society, geographical
work in Africa, i. 361; expedition to
Lake Tanganyika, i. 798, 849
Londres, *et seq.*, A. A. R. public,
Lafon, *et seq.*, *et seq.*
Long, Captain, survey work in Upper
Burma, xiii. 174
Long, George, obituary of, i. 674
Long island, W. Indies, xiv. 595
Longden, General Sir H. E., obituary of,
xii. 392
Longitude, determination of, in early centuries,
xiii. 622; discovery of method for,
iii. 626
Longmans & Co., atlases by—five shilling,
xii. 711; junior school, xii. 712; new
school, xi. 323; school, physical, and political,
xii. 712; Geography by—Junior
School, *et seq.*, *et seq.*; school, for
Agriculture, *et seq.*, *et seq.*; for North
America, *et seq.*, *et seq.*
Longonot, Donyo, E. Africa, vi. 702
Longstaff, G. B., Studies in Statistics,
Social, Political, and Medical, xiii. 188†
Lonk, Makusi chief, vii. 526, 527
Lonzua river, Tanganyika, iv. 18
Lochoo islands, general information on
the, i. 210; language of, Aston on, i.
598; principality of, Gubbins' report on,
iii. 590
Lopatinisky, L., Russko-Kabardinsky Slo-
vars Ukazatelem i Kratkoyu grammatikoy,
xiii. 735
Lopez, Cupe, French mission at, vi. 481;
named in 1469, v. 229
- Lora, Kakar, and Barshor rivers, ii. 225
230, 621, 622, v. 59, 60
Lörcher, Rev. J. G., map of the province
of Canton, i. 413
Lord Howe island, Report on, Wilson, iv.
774†; Zoology, Geology, etc., of, xi.
515†
Lorenço Marques, ix. 504; map of district,
Berthoud, ix. 211; railway from, to the
Lobombo mountains, x. 446
Lorillard city, ancient ruined town in
Central America, v. 45
Lorne, Marquis of, address on opening
session 1885-86, vii. 777; on the Pro-
gress of Geography for 1885-86, viii.
417*; Canadian Pictures drawn with
Pen and Pencil, xii. 641†; remarks at
the anniversary dinner, 1886, viii. 469;
at evening meetings, vii. 577, 582, 641,
646, viii. 19, 56, 87, 156, 176, 245, 368,
371, 384, 453, 501; on opening exhibi-
tion of geographical appliances, viii. 53;
on presentation of medals, viii. 465
Lorraine, German, geological map of
Western, ix. 326
Lortet, Dr., La Syrie d'aujourd'hui, vi. 99†
Loschkin, Sawwa, Arctic voyage of, ii. 8
Losenfwa. *See* Lusenfwa.
Losewa, Lake Nyasa, i. 292
Losi river, S.E. Africa, vi. 640, 641
Losca Dudu harbour, New Guinea, xiv. 788
Lo-su. *See* Lolo.
Lot-et-Garonne, atlas cantonal de, Welehe
and Mahon, i. 747
Lothians and Fife, reduced Ordnance sur-
vey map of, Bartholomew, xiv. 348
Lothringen. *See* Lorraine.
Loti, Pierre, Au Maroc, xii. 301†
Louise, the, Russian steamer, v. 176, 177,
406, 555, 603, 661
Louisade islands, viii. 562; Exploring
Expedition to the, Thomson, xi. 525*
Lourdes, lake of, configuration of, xiv. 630
Lourenço Marques. *See* Lorenço.
Loveday, R. K., map of the Lydeburg
gold fields, vi. 175
Lovett, Col. B., Route Surveys in Northern
Persia, in 1881 and 1882, v. 57*; travels
in Western Asia, v. 383
Lovett, R., James Gilmour of Mongolia:
his Diaries, etc., xiv. 578†
Lovisato, M., lecture on Tierra del Fuego,
v. 298
Low, H. B., obituary of, x. 423
Lowarai Kotal, Kafiristan, height of, vi.
7, 8
Lowell, Hon. J. Russell, remarks at anni-
versary dinner, 1881, iii. 436
Lowell, F., Choson, the Land of the Morn-
ing Calm (Korea), viii. 275†
Löw, F., Ueber Thalbildung, vi. 302†
Lowry, J. W., obituary of, ii. 417
Lu river of Tibet (Lu- or Nu-Kiang), iv.
318, vii. 88, 308, xiv. 172; Walker on,
ix. 352*, x. 577, *et seq.*; its sources, ix.
364-368. *See also* Lau-tze and Giamsa
Nu-Chu.

Lua, or Lawa, tribe, viii. 7, 8, 499, 500
 Luabala river, Central Africa, v. 570, 705, vii. 606, 607, xi. 73, 80; Hodister's exploration between the Lomami and, xiii. 37
 Luana of Goronza, viii. 509
 Luang Prabang, Siam, x. 127, xiii. 111
 Luango-Luce river, v. 229
 Luapula river, Central Africa, vi. 285, 341, vii. 240, 334, 540, 605, xiii. 426, xiv. 39
 Luarezi river, Central Africa, xii. 749
 Luasi hills, East Africa, vi. 725 *and note*.
 Lub or Hermit islands, Malay Archipelago, people of the, v. 47
 Luballa river, position of mouth, and volume of, viii. 628
 Lubashi pass, xiii. 36
 Lübeck, map of principality of, vii. 491
 Lubi river, Africa, v. 164
 Lubilash river, W. Africa, v. 164, 174, vii. 456, ix. 643, xiv. 860
 Lubovny. *See* Keskelen.
 Luca, G. de, Storia Conetto e Limiti della *Geografia*, iii. 697 †
 Lu, A. P., of Khartum, xi. 643
 Lucas, C. P., Historical Geography of the British Colonies, and introduction †, ix. 652, xi. 122, xiii. 120
 Lucas, F. A., Explorations in Newfoundland and Labrador, xiv. 572 †
 Lucerne, lake, depth of, ix. 686
 Luchinda river, xiv. 179
 Luchu. *See* Loochoo.
 Luchulingo river, E. Africa, iv. 482
 Luçon island, Journey in, Marche, ix. 779 †
 Lüdde, J. G., Die Geschichte der Methodologie der Erdkunde, x. 55 †
 Lüddecke, R., Afrika in sechs Blättern, xii. 310
 Lüderitzland, trigonometrical surveys in (map), Pohle, viii. 608
 Ludhiana district, India, Gazetteer of, 1888-89, x. 669 †
 Ludi and Lusi rivers, E. Africa, ix. 472
 Ludima-Niadi, position of, ix. 189
 Ludlow, Cape, Franz-Josef Land, v. 205
 Ludwig of Austria, Archduke, Die Balearen, vi. 606 †
 Luebo river, position of mouth, and volume of, viii. 628
 Lucia river, Lake Nyasa, i. 383, 318
 Luena river, xi. 71
 Luena river, Congo region, v. 287
 Luena river, North country, x. 647
 Lufgi river, E. Africa, i. 529. *See* Rufji.
 Lufira river, Central Africa, vii. 607
 Lugard, Capt., Nyasaland and its commercial possibilities, xi. 688; on the surface configuration of Uganda and Unyoro, xiv. 238; explorations between Victoria Nyanza and Lake Albert Edward, xiv. 413; Travels from the East coast to Uganda, etc., xiv. 817*
 Lugera river, ix. 475
 Lühdorf, A., Die heissen Quellen am Amur bei Neu-Mikhailowsk, iv. 574 †

Luh-fung Hsien, China, i. 501
 Luia river, E. Africa, xii. 147
 Luiki river, Central Africa, xiv. 42
 Luia bay and district, New Britain, iii. 92
 Lujende or Lujenda river, iv. 71, v. 482, vi. 520, 719, 722, viii. 99, 328, ix. 468, 469, x. 31; exploration of, Johnson, iii. 421, iv. 47, 480*; its connection with lake Shirwa, O'Neill on, iv. 321; Journey to sources of, O'Neill, vi. 153, 713*
 Lukassi river, Central Africa, xiv. 179
 Lukehin, Central Asia, xiii. 210
 Lukenye or Lukatta river, viii. 628, 636, 738; Kund and Tappenbeck's journey down, ix. 115
 Lu-kiang river. *See* Lu.
 Lukianof, Lieut., journey up the Tejend, iv. 103
 Lukindo, mount, E. Africa, i. 88
 Lukoka, wire-grass, East Central Africa, v. 587
 Lukolela, latitude of, vi. 743
 Luksch, Prof., Das Schwarze Meer, viii. 340 †; on the deep sea explorations in the Eastern Mediterranean, xiv. 121
 Lukuga river, lake Tanganyika, i. 207, ii. 309, 557, 733, 734, 740, iii. 274, 275, iv. 3, 10-13, ix. 188, 241, 471, 474, xi. 584, 585; Hore on the, ii. 257; Trivier's explorations of the, xi. 98
 Lukusasi river, Central Africa, xii. 749
 Luli river, E. Africa, vi. 638, 642, 729
 Lull, Comr. E. P., survey for the American Inter-oceanic Canal, ii. 192; Reports on, ii. 201 †
 Lullin, E., L'Utilization des Forces Motrices du Rhône, etc., xii. 568 †
 Lulongo river, W. Africa, vii. 367, 456, viii. 47
 Lulu river, West Africa, v. 698, 699
 Lulu river, trib. of Aruwimi, Chaltin's exploration of, xiv. 636
 Lulua river, W. Africa, vii. 738, ix. 756; position of mouth, and volume of, viii. 628
 Lulua burg, new station, W. Africa, vii. 738
 Lumanana river, E. Africa, vii. 660
 Lumbwa, East Africa, xiii. 197
 Lumholz, C., Among Cannibals, Four Years' Travels in Australia, xii. 250 †
 Lumi river, vii. 155
 Lumsden, Sir Peter, Countries and Tribes bordering on the Koh-i-Baba Range, vii. 561*; on Littledale's journey across the Pamir, xiv. 33
 Lund, T. W. M., Como and Italian Lakeland, xi. 52 †
 Lund, W., coaling station of, at Diego Garcia, viii. 390
 Lunda country, xi. 73; Carvalho on the history of, ix. 382; map of Buchner's journeys in, 1878-1881, Kiepert, iv. 157; photographs of natives and scenery of, xii. 648
 Lundgren, W. T., Harbour Dictionary, v. 50 †

- Lundi river, ruins at, xiv. 276, 307; Bent's exploration of the same, xiii. 35
- Lundu river, N. Borneo, iii. 194
- Lungasi river and people, W. Africa, iv. 58, 587
- Lung-chow city, Southern China, xiii. 253
- Lungerengere river, E. Africa, iv. 277
- Lunzu river, Central Africa, ix. 177
- Lupton, F. (Lupton Bey), map of journeys of, 1880-81, iv. 520; on the reported great lake West of Albert Nyanza, iv. 685; work in the Bahr Ghazal region, v. 482, vi. 152, 375; Geographical Observations in the same, vi. 245*; his river Kuta, vi. 344; on the Makua river and tributaries, ix. 292; letter from Emin Pasha on the fate of, xii. 289
- Lur tribe, Southern Persia, v. 161, xii. 522
- Luristan, xii. 513; Across, to Ispahan, Lynch, xii. 533*
- Lusangadzi river, ix. 184
- Luschan, Dr. von, journeys in Asia Minor, x. 103
- Lusenfwä river, Central Africa, xii. 747
- Luseru river, E. Africa, iv. 150
- Lushai country, Woodthorpe, xii. 301†
- Lushai hills, v. 617, xiii. 402
- Lushais and Chins, expeditions against the, xi. 689
- Lussin, Die Insel, ihr Klima, und ihr Vegetation, Haračić, xiv. 722†
- Lusubu river, Africa, v. 174
- Lusumbwe bay, Lake Nyasa, ix. 182
- Lut desert, viii. 140, 141
- Lutété, West Africa, v. 700, vi. 191, 624
- Lutfabad, Turkistan, iv. 490, 491
- Lütke, Count F. B., Arctic voyage of, ii. 9; obituary of, iv. 755
- Lu-tze-Kiang or Salwen river, v. 664, 665. *See also* Lu.
- Luvelevi river, ix. 187
- Luvu river, East Africa, vii. 159 *and note*
- Luvu river, Lower Congo, iii. 21
- Luvubi river, Congo, iii. 556, v. 287
- Luvule river, xiv. 41
- Luvumbo valley, Masai people of the, v. 521
- Lux, A. C., Die Balkanhalbinsel, ix. 648†
- Lux, E., Von Loanda nach Kimbundu, ii. 70†
- Luxembourg, railway map of, vi. 174
- Luze, E. de, on geographical terminology, iii. 55, 56; the Transcription and Pronunciation of Geographical Names, v. 567†
- Luzon island. *See* Luçon.
- Lyall, Mr., on the forests and railways of the Caucasian provinces, i. 796
- Lycia, Viennese archaeological expedition to, iv. 568; Kiepert's map of, iv. 709, vii. 133; Journey in, Benndorf and Niemann, vii. 195†
- Lycia-Pamphylia, note on the map of, Ramsay, x. 100, *et seq.*
- Lydekker, R., *Catalogue of vertebrata*, etc., in the *Indian Museum*, Calcutta, ix. 259†; *Memoirs of the Geological Survey of India*, viii. 275†; on the effects of the great snowfall in Kashmir in 1877-78, i. 716
- Lydenburg gold fields, map of, vi. 175
- Lykipia district, E. Africa, vi. 703, 705
- Lynch, General, exploration of the Turnuk river, i. 197
- Lynch, H. B., explorations in Persia, xii. 380; Across Luristan to Ispahan, xii. 533*; on the Karun River, xii. 528, xiii. 592*
- Lyne, Ch., New Guinea, viii. 130†
- Lynn canal, Alaska, xiii. 74
- Lyon, Capt., voyage to Hudson's Bay, x. 555
- Lyons Geographical Society, medal founded by, v. 427; proceedings of, ii. 321, 388, 520, 779, iii. 55, 112, 244, 317, 373, iv. 112, 113
- Lyons, map of, and its environs, Goudéy, i. 612; Study of the City of, Paloczý, xiv. 866†

M

- Ma'aza tribe, ix. 660
- Mababe and Machabe rivers, Central Africa, iii. 172
- Mabare river, South Africa, v. 268
- Mabessi lake, Sierra Leone, xiv. 440
- Mac. For names beginning thus, *see also* under Mc.
- MacArthur river station, Australia, xi. 667
- Macartney, Lieut., work on the N. W. frontier of India, i. 61
- Macaulay, James, *Frontier*, vii. 297
- Macaulay, James, *Journal*, to Tibet, vii. 91
- Macaulay islands, extent of, x. 316, 317
- Macaulay, railway map of Great Britain, i. 154
- Macdonald, Colonel, Ascent of Benue and Kebbi rivers, xiii. 394, 449*; Narrative of his Mission to the Niger and Benue, Ferryman, xiv. 807†
- Macdonald, Rev. Duff, *Africana*; or, the Heart of Heathen Africa, v. 182†
- Macdonell, A. A., *Camping Voyages on German Rivers*, xii. 702†
- Macdonnell ranges, Central Australia, xiii. 345, 350, 355
- Macedo, Mgr. de, *Le Christophore, la Civilisation dans l'Amazonie*, xiii. 243†
- Macedonia, Bianconi's map of, x. 809, Eastern, work on, Strezoff, xiv. 723†; Ethnographical Map of Old Servia and, Gopčević, xi. 321; Work on the same, *id.*, xi. 508†
- Macfarlane, R. R., *Land and Sea Birds Nesting within the Arctic Circle*, etc., xii. 707†
- MacGregor, Dr. J., *Toil and Travel*, etc., xiv. 578†
- MacGregor, John, obituary of, xiv. 805
- MacGregor, Lady, *the Life and Opinions of Sir C. M. MacGregor*, xi. 255

- MacGregor, Major C. R., expedition under Col. Woodthorpe from Assam to the Iravadi, etc., ix. 19 *
- MacGregor, Major-Gen. Sir C. M., work on the N. W. frontier of India, i. 62 *note*; Journey through Khorassan, etc., in 1875, i. 333, 344 †; Wanderings in Balochistan, v. 109 †; obituary of, ix. 194
- MacGregor, Sir W., Exploration of Owen Stanley Range and district, xi. 504, 605, xii. 193 †, 381, 558, 688, xiii. 395; scientific results of the same, xii. 616; navigation of the Fly river, xii. 352; on upraised Coral islands off New Guinea, xiv. 415; Travels with, Hatton-Richards, xiv. 575 †; visit to the ... 177; to the ... brian groups, xiv. 327; to the Buhutu and Wari tribes, xiv. 414; further explorations in New Guinea, xiv. 863
- Mach, G., and L. Maasburg, Eisenbahn, etc., Verkehrs-Karte der österreichisch-ungarischen Monarchie, iii. 382
- Machanga district, Sabi river, v. 273
- Machemba chief, ii. 347, 348
- Machemba mount, Central Africa, xiii. 272
- Machinga tribe, East Africa, x. 27
- Machinian tribes, viii. 29, 30
- Machinjiri, E. Africa, vii. 649, 650, 658. 660
- Machon, Dr., explorations in Patagonia, xiv. 861
- Ma-chu or Red river, Tibet, vii. 70, 72
- Macintyre, D., Hindu-koh, sport in the Himalayas, xi. 749 †
- MacIver, General, proposed expedition to New Guinea, vi. 578
- Mackay, A., explorations in the Victoria Nyanza region, i. 2, 137; journey to Uganda, i. 590, iii. 178; on Lake Bahringo, vi. 219; altitude of Victoria Nyanza, xi. 438; death of, xii. 290
- Mackay, A. H., Pictou island, xiv. 728 †
- Mackenna, B. V., A traves de los Andes, x. 745 †
- Mackenzie, A., History of the relations of the Government with the Hill tribes of Bengal, vi. 607 †
- Mackenzie, Colin, on Brazil, vii. 748; remarks at evening meetings, viii. 368, x. 80, 434
- Mackenzie, G. S., travels in S.W. Persia, xii. 553; remarks at evening meetings, v. 130, 131, xiv. 840
- Mackenzie, Rev. John, Austral Africa, Losing it or Ruling it, x. 50 †; Bechnanaland and the Land of Ophir, x. 725 †; on lands still available for European settlement, xiii. 34
- Mackenzie, Sir Alexander, explorer of Lake Athabasca, v. 648
- Mackenzie basin, Canada, Report on the Resources of, 741 †
- Mackenzie river, ii. 578, ix. 120, 253; and district, v. 334, 633; depth of frozen earth on, viii. 741; map of part of its basin, McConnell, xiv. 815
- Mackey, Rev. D. J., diocesan map of England and Wales, ii. 327
- Mackinder, H. J., the Scope and Methods of Geography, ix. 141 †; appointment as reader of geography at Oxford, ix. 437; the teaching of Geography at the Universities, ix. 698; course of lectures for Oxford University, ix. 681; on geographical education at Oxford, x. 531, xi. 502, 737, xii. 419, xiii. 428, xiv. 398; note on geographical terminology, x. 732; remarks on the ... of prizes to training ... xii. 477, xiii. 494, xiv. 490; lectures for 1893, xiv. 700
- Mackinnon-Buxton expedition in East Africa, sketch map of route of, i. 80; road from Dar-es-Salaam, i. 530, v. 542
- Mackinnon, Rev. J., South African Traits, ix. 519 †
- Mackintosh, A. W., Whaling Cruise in the Arctic Regions, vi. 544 †
- MacLagan, General, the rivers of the Punjab, vii. 705 †; obituary of Sir Henry Yule by, xii. 108
- Maclean, Consul, report on the trade between India and Persia, xiv. 128
- Maclean, Mr., journey in Labrador, x. 191
- Maclear, Captain, surveys in the Indian Ocean, v. 596; visit to Christmas island, x. 615; photographs in the Eastern Archipelago, xiii. 64
- Macleod, General W. C., obituary of, ii. 379
- MacMahon, Major-Gen. A. R., Karenni and the Red Karens, xi. 569 †
- MacMahon, Rev. E. O., journeys in Madagascar, xiv. 463 †, 739
- MacMurray fort, N.W. Canada, v. 652, 653
- MacNabb, D. J. C., Handbook of the Haka Dialect, xiv. 869 †
- Macnamara, F. N., Climate, etc., and Disease distribution of the Himalayan Districts, ii. 459 †
- Maco, Bolivia, Indiarubber camp at, v. 324, 329
- Macoun, Prof., Manitoba and the Great North-West, v. 305 †; on the Canadian North-West, viii. 727; on the forest fires of North America, xiv. 95, 98
- Macow channel, Sabi delta, v. 273
- Macpherson, Fort, Andrew Flett on depth of frozen earth at, viii. 741
- Macpherson, General, exploration of routes between Jalalabad and Kabul, ii. 124; on geographical results of the Afghan ... 77
- Macpherson, J. I., Journey to Madagascar, v. 745 †
- Macumba water and plains, Australia, xi. 651
- Madagascar—**
 Antanambalana river in, Ransome, xi. 295 †
 Antananarivo Annual, etc., edit. Sibree†, x. 253, xi. 315

Madidi river, Bolivia, v. 315, 322, 329; village of, v. 518
Madimola station, E. Africa, ix. 494
Madras, mean sea level at, Walker on, iv. 611; population of, xiii. 612; (Presidency) Report on the Administration of, xiii. 303, xiv. 341; topographical surveys in, viii. 720
Madredane river, E. Africa, xii. 138
Mauro de Dios river, Bolivia, v. 332, x. 741, xi. 498
Madrid, Ibero-American Congress at, xiv. 407; plan of, Morries, i. 541
Mafeking, South Africa, xiii. 2
Magadana, S. country, v. 717, xii. 271; from, vi. 271, 272
Magadana village, viii. 507
Magalhães, Conte de, O Selvagem, x. 745 †
Magalli, Père, explorations in Ecuador, xii. 297
Magdalena river, Colombia, v. 261; state, *id.*, iii. 705
Magdalen Islands, Gulf of St. Lawrence, Patterson, xiv. 728 †; Richardson's report on, iv. 517
Magdeburg, wall map of, viii. 132
Magdishu. *See* Magadoxo.
Magellan, F., Life of, etc., Guillemard, xii. 771 †
Magellan, Straits of, climate of, iv. 626; Directory of, xiv. 728 †; on Schönner's globe, Wieser, iii. 576 †; surveys of, v. 594; *id.*, Macleour's, ii. 408, 409; visit to Skyring water in, on the *Alert*, Coppinger, ii. 552 *
Mager, Henri, Atlas Colonial, vi. 364 †; relief-atlas by, vii. 193; award of Paris Society's medal to, viii. 273; map of Tongking, v. 494
Maggiore, Lago, v. 621, 622, 624
Magila, E. Africa, i. 87, 88, 548, 555
Magnetic conditions in Central Asia, Tillo on, xiv. 856; needle, introduction of, xii. 621; pole in Canada, Lefroy on, vi. 585, 586
Magnum Littus of Ptolemy, E. Africa, xiii. 528, 546
Ma-goi-co river, Central Africa, xi. 217
Magpie, survey work of, iv. 553, v. 593
Magungo, position of, xi. 644-646
Mahabaleswar (Arthur's seat), W. India, iv. 476, 477; rainfall at, vii. 714
Mahaffy, J. P., Rambles and Studies in Greece, ix. 258 †; Sketches from a Tour through Holland and Germany, xi. 116 †
Mahajilo river, Madagascar, xiii. 560
Mahamabad, ruins of, Persia, v. 79
Mahamuddy river and delta, viii. 686, 687
Mahdism and the Egyptian Sudan, Wingate, xiii. 740 †
Mahdist rebellion in the Sudan, ix. 314, 412
Mahed: "The M. country, v. 519
Mahen: "The M. country, v. 519
Maheyran river, Persia, xii. 578
Mahu tribe, W. Africa, xi. 605
Mahabatini valley, Zululand, i. 326

- Mahmoud Pasha el Falaki, on the establishment of *Ma'ad* in Egypt, iv. 17. of Nile risings, xi. 33, 34
- Mahomadabad, Persia, iii. 528
- Mahratta Empire, Birthplace and Cradle of the, Temple, iv. 457 *
- Mähren and Schlesien, map of, vi. 358
- Mahsūd Waziri tribe, iv. 537
- Maidan-tal river, ix. 435
- Maidment, C., geological map of Zoutpansberg, and the Witwatersrand gold fields, xii. 124, xiii. 573
- Maief, M., journey in Bokhara, i. 66, 356, ii. 779; on Steppe routes from Karshi to the Amu-daria, iii. 723
- Mui Kassa river and district, New Guinea, xii. 692; Hall's explorations of the, x. 708
- Mailly-Châlon, Count de, journey in Asia, vi. 48
- Maimenah town, i. 388
- Main, Mrs., My Home in the Alps, xiv. 501 †
- Maine, Forests of, Tour through, Steele, ii. 590 †
- Maingkhaw, N. Burma, xiv. 406
- Mainla, distance from, to Bhaino, ix. 36
- Mainof, V., Juridical Customs of the Mordva, viii. 60 †
- Mainos lake, ix. 428 *note*
- Mainthas tribe, Burma, x. 269
- Maio, or Amamalo, tribe, West Africa, ix. 755
- Maistre, C., journey in Madagascar, xii. 299; explorations in Madagascar, xiii. 106, 394, xiv. 739
- Maitland, Capt., description of country between the Murghab and Hari-rud rivers, vii. 569; Journeys in Afghanistan, ix. 102 *
- Maiva district and tribe, New Guinea, iv. 161
- Majili river, Central Africa, xi. 220
- Major, R. H., report on the Geographical Department of the British Museum, i. 395, 437; on the Norse colony of East Bygd, &c., v. 294; on a chart of Greenland sent by P. J. Buyskes, v. 408; on Nordenskiöld's discovery of ancient map in Iceland, v. 473; on the voyages and map of the Zeni, v. 725; on the landfall of Columbus, vi. 42, xiv. 594; obituary of, Markham, xiii. 489
- Majorca, Letters from, Wood, x. 803 †
- Makabana, West Africa, Capt. Rouvier's position of, ix. 189
- Makalaka tribe, ii. 694, x. 726, xii. 654, xiii. 14
- Makalanga tribe, xiv. 290, 294
- Makulu, Mount, viii. 91, 183, 259, 260
- Makanga, tribe and king of, viii. 78, 81; Vieira Braga's visit to, viii. 510
- Makangwara tribe, E. Africa. *See* Gwangwara.
- Makanjila, chief, iv. 484
- Makhhul country, Afghanistan, i. 628
- Maki river, viii. 722
- Makololo country and tribe, i. 485, xii. 719
- Makonde country and people, E. Africa, iv. 67, 68, 73, 74, v. 396, 402
- Makongeni district, E. Africa, xiv. 819
- Makra pass, vii. 599 *note*
- Makua country, East Africa, dialects of, compared with Angoche and Ibo, iv. 605; Journey in, O'Neill, iv. 193 *; Maples on, iv. 79 *; prospects of trade in, iv. 208; slave trade in, vi. 735, 736; the tribe, ii. 340, 341, iv. 78, 196-201, 598, *et seq.*, vi. 522, vii. 374, 432, ix. 470
- Makua or Welle river, iv. 686, ix. 291, 292, 298; Junker on the, iv. 228, v. 34, 35, ix. 289, 290. *See* Welle.
- Makula's country, E. Africa, ii. 729, 730
- Makum, Upper Assam, iv. 624
- Makung harbour, Pescadores islands, vii. 4, 400
- Makusi Indians, S. America, vii. 502, 526
- Makuta, Comber's visit to, i. 235
- Ma-Kwamba tribe, E. Africa, v. 285
- Makwar, Bahr-el, Central Africa, iv. 686
- Mala. *See* Malayta.
- Malabar coast, vii. 730
- Malabar, Work on, Logan, x. 539 †
- Malacca, experiments with economic plants in, xi. 682; Work on, Godinho de Eredia, transl. Janssen, iv. 181 †
- Málafu (palm wine), custom of drinking, v. 579
- Malagarasi river, Tanganyika, iv. 13
- Malagasy, origin of the, Sibree on, vii. 242
- Malahide, Lord Talbot de, obituary of, v. 389
- Malaita. *See* Malayta.
- Malakhof, M., ethnological researches in Russia, iii. 490; explorations in the Ural, iv. 108, v. 391
- Malamir plain, ancient inscriptions and causeway of, xii. 540, 541
- Malangen fiord, Norway, ii. 282
- Malanje, W. Africa, iv. 680, v. 705
- Ma-lan Yü town, China, v. 24
- Malaspina glacier, Alaska, xi. 427, 428, xiii. 83, xiv. 325
- Mala-tau, or Ullu-auz Bashi, Caucasus, xi. 672, xii. 234
- Malatia, ix. 429 *note*
- Malay, or Eastern, Archipelago—
Directory for the Navigation of, Findlay, xi. 700 †
Expeditions in:—Forbes, v. 656; German, xi. 505; Macley, v. 46; Summary of, v. 384, x. 415
First Dutch Voyages in, Bonaparte, vii. 482 †
Indonesien, or the Islands of the, Bastian †, vi. 424, viii. 534, xi. 631
Life in, from the Dutch of Van der Burg, Diemer, ix. 712 †

- Malay, or Eastern, Archipelago—continued—**
 Map of, with Burma, etc., Shawe, ix. 139
 Photographs of, Maclear, xiii. 64
 Two Years in the Islands of, De Pina, ii. 201†
 Volcanic chain in, v. 512
- Malay peninsula—**
 Explorations in, and map, Cameron, vii. 533; D. I., iv. 393*; Marche, iv. 383, 384; Ridley (Tukan District), xiv. 533*
 Geography of, Keane†, ix. 524, xiv. 729
 Information concerning, xiv. 869*
 Journal of a Journey Across, Swettenham, viii. 276†
 Map of latest surveys in, 1891, xiii. 447
 Minerals of the, x. 122
 Tribes of the, x. 121
- Malayta island, Solomon islands, x. 356, 357, xii. 406, 412, 415
- Malcha, or Mountain Machinian tribe, viii. 29, 30
- Maldivé island's, Bell's Work on the, vi. 98†
- Malдонадо, Col., expedition on the Beni, and death of, v. 319, 320, 344
- Molema river, E. Africa, ix. 472; tribe, Lake Nyasa, i. 296
- Mulet, H. B., *Sunlight*, ix. 524†
- Maletsunyane, Falls of, vii. 194
- Malik-dukán peak, vii. 43
- Mali Kha river, Upper Burma, iv. 262, vii. 304, ix. 369, xii. 555, xiv. 162, 171
- Maliko, E. Africa, iv. 732
- Mal-i-mir plain, Persia, v. 149, 153
- Malindi, Galla country, iv. 371, xii. 129
- Malipi, North Borneo, x. 140
- Maliwanda, town and chief of, Africa, v. 290, 659, 689
- Maliwazi, E. Africa, iv. 732
- Mallard-Cressin, M., map of Tonking, v. 494
- Mallico province, Chile, ix. 443
- Malleson, G. B., Herat; the Granary and Garden of Central Asia, ii. 200†
- Mallet, F. R., *Manual of the Geology of India (Mineralogy)*, x. 251†
- Mallicollo island, x. 355
- Mallock, W. H., *In an Enchanted Island (Cyprus)*, vi. 180†
- Mallat, W. H., G. B., vii. 735
- Mallat, K. A., Russian station at, v. 390, 391
- Malosa mount, East Africa, x. 25
- Malseyidi village, S.W. Persia, xii. 548
- Malta, geological map of, Bartholomew, xiii. 64; History of, Winterer, i. 284†; Visit of the *Zingis* to, etc., Benko, x. 179†
- Malte-Brun, V. A., on the biography of French cartographers, vi. 162; maps by—Algeria, vi. 614; French colonies in Asia, v. 749; in America, v. 750; Mecklenburg, ix. 463; environs of Rostock, ix. 463; legacy to Paris Geographical Society, xi. 455; obituary of, xi. 422
- Maluti mountains, vii. 194
- Malwallé island, hot mud spring on, v. 90
- Malwe river, Tanganyika, iv. 17
- Mamaseni district, xiii. 291
- Matasseni-Lur tribe, Southern Persia, v. 162
- Mamam lake, North America, v. 640, 641
- Mamberan river, vii. 176 and note
- Mamboia, E. Africa, iv. 149, v. 581, *et seq.*; journey to, Parker and Blackburn, x. 92; New station at, Last, iii. 223; temperature and rainy season at, vii. 454
- Mambui, E. Africa, xii. 130
- Mambwe country and tribe, ii. 210, iii. 268, xii. 736
- Manisson pass, Caucasus, x. 679, xi. 673, xiv. 102
- Mammoth and the Flood, the, Howorth, ix. 784†
- Mamore-bey lake, Bolivia, v. 324, 330
- Mamré river, Bolivia, iii. 403, 406, v. 313, 326, 343, 347
- Mamuriá river, S. America, ii. 570, 771
- Manuyecada village, S. America, xi. 498
- Man, Col., Formosa, xiv. 723†
- Man, Ed. H., on the aborigines of the Andaman islands, vii. 485
- Man, Wm., obituary of, iii. 567
- Man Island, New Britain, iii. 92
- Manabi route from Quito to the Pacific, iii. 487
- Manameh, Bahrein islands, xii. 3
- Mananara river, Madagascar, xiii. 368
- Manantánana river, Madagascar, iv. 530
- Mananzara river, Madagascar, iv. 529
- Manâr, Gulf of, S. India, vii. 732
- Manas Saráwar lake, vii. 708
- Manas valley, Central Asia, xiii. 214
- Manchester, geographical appliances exhibited at, vii. 271, 338; lectureship at, Oldham appointed to, xiv. 316; Society, Journal of, vii. 387; navigation school at, iv. 308.
- Manchuria—**
 Climate and population of, x. 487
 Journeys in—Barabascob, v. 174; James, Younghusband, and Fulford, viii. 779, ix. 235, 531*; the Long White Mountain, an account of the same, James, x. 251†
 Report on, Gardner, vii. 745
 Russian, ii. 567; notes on the coast of, ii. 701
- Mancini, Samuel, missionary on the Beni, 1850-1864, v. 323
- Mand, or Kara-Aghatch, river, Ross on, v. 712
- Mandai Yahyaï or Sabæans, origin of, xiii. 664; their calendar, marriage customs, and festivals, xiii. 666, 667
- Mandala, Central Africa, xii. 720
- Mandalay, Burma, railway to, x. 262
- Maudara, Obief, v. 546, vii. 139, 157; Thomson's visit to, vi. 153
- Mandat-Grancey, Baron E. de, Dans les *Mémories Rochennes*, vii. 56†
- Mauda tribe, W. Africa, xiv. 262
- Mandeha range, Afghanistan, i. 625
- Maudimba river, E. Africa, vi. 515, 518, 532, 720

- Mandingo tribe, W. Africa, xii. 168
 Manga, E. Africa, iv. 745
 Mangaba, chief of Lukolola, vii. 362, 366
 Mangabeira, Serra da, Brazil, viii. 355, 359
 Mangaheri Tribe, East Africa, Visit to, Last, v. 581 *
 Mangal tribe, Afghanistan, i. 49, 633, 643
 Mang'anja tribe, Hethersick on, ix. 114; Dictionary of their Language, Scott, xiv. 872 †
 Manganui a-te-Ao river, vii. 219, 220
 Mangasanji's village, E. Africa, vii. 652
 Mangbattu. *See* Monbattu.
 Manghas, Indo-China, iv. 645
 Mangi race, S. E. Africa, v. 274
 Mango island, South Pacific, xii. 160
 Mangone. *See* Angoni.
 Mangu lake, E. Africa, x. 94
 Mangwendi and Chipunza, ruined kraals at, xiv. 298
 Manhao, Southern China, iv. 725
 Manhlagas kraal, Gazaland, xiii. 589
 Mania river, Madagascar, xiii. 560
Manica—
 Climate and mountains of, xiv. 294, 302
 Gold mines of, iv. 374, viii. 507
 Journey in, De Andrada, ix. 621; Selous, iii. 169
 Map of, ix. 593
 Report on, De Andrada, xiii. 304
 Ruins at, vii. 444
 Manipur, frontier survey, iv. 693; note on, xiii. 291; rainfall of, vii. 305; *id.*, and vegetation, ix. 89; range, eastern and western, v. 617
Manitoba—
 And the Great North-West, Macoun, v. 305 †
 Area of, x. 39
 Historical and Scientific Society's Transactions, viii. 407 †
 Its Infancy, Growth, and Present Condition, Bryce, iv. 184 †
 Map of, Johnston, iv. 454; of part of, iv. 254
 Prairie fires of, xiv. 94, 95
 Railway from Hudson's Bay to, map of proposed route, Bell, vi. 362
 Manjara lake, Central Africa, xiv. 634; Ehlers' expedition to, xii. 422
 Markambira chief, Lake Nyasa, i. 299
 Mankind, Typical Races of, Leutemann, xi. 191 †
 Mankula and Iboké villages, xi. 344
 Mann, Dr. R. J., the Kafir race of Natal, i. 204; on the ascent of the Binué in 1879, ii. 302
 Mann ranges, Australia, xiv. 181, 182
 Mannering, G. E., With Axe and Rope in the New Zealand Alps, xiii. 742 †
 Manni, Sierra Leone, xiv. 439
 Mano country, Central Africa, xii. 155
 Mano, M., journey in N. W. Guatemala, vi. 479
 Manoh river, W. Africa, xii. 657
 Manoug, T. L., on nilometers, xi. 245
 Mansa, J. H., Atlas over Kongerige Denmark, i. 160
 Mansfield, Sir C., on the prospects of trade of the port of Mollendo, x. 455; on the auriferous deposits of Peru, xii. 424
 Mansue, town of, Gold Coast, v. 38
 Mantell, Capt. A. M., explorations east of the Jordan, x. 719
 Mantiqueira, Serra da, Brazil, viii. 357, x. 61
 Mantsunyane river, Basutoland, x. 524
 Mantzú tribe, viii. 377
 Manua, Island of, discovery of relics of De Langle at, v. 426
 Manual of Scientific Inquiry, The Admiralty, ix. 651 †
 Manwynne, Yunnan, iv. 729
 Manyame. *See* Hanyane.
 Manyanga, W. Africa, iv. 45, 164, v. 574, 699, 700, 711, vi. 190, 624, ix. 189
 Manyanja tribe, E. Africa, iv. 76
 Manyara. *See* Manjara.
 Manyema tribe, xiv. 835
 Manzarich, Persia, x. 628 *note*
 Manzoni, R., El Yemen, vii. 485 †
 Maori race, vii. 204, 205; Origin, etc., of, and Suggestions for History of, Fenton, vii. 831 †; the Aryan Maori, Tregear, vii. 831 †
 Maonna island. *See* Manua.
 Mapiri river, Bolivia, v. 323, 337
 Maples, Rev. Chauncey:—Explorations in the Rovuma District, ii. 337, 414, 660 *; on Makualand, iv. 79 *; on the Mavia tribe, v. 393, 397; vocabulary of Makua words, vi. 647; remarks at evening meetings, vii. 159, 665, 666; remarks on British Central Africa, xii. 741
 Map-building series, Cassell & Co., xiii. 244
 Map Reading for Military Purposes, Trotter, xiii. 243 †
 Map-room of R. G. S., reports on, i. 464, ii. 445, iii. 430, iv. 430, v. 417, vi. 415, vii. 473, viii. 464, ix. 450, x. 463, xi. 448, xii. 485, xiii. 502, xiv. 484.
 Maps and Map Drawing, Elderton, xii. 708 †; colouring of, Cayley on, i. 259; in the R. G. S.'s Publications, Index to, Bliss, viii. 603 †; the Projections of, Fiorini, iv. 391 †; the representation of surfaces in, Tissot, iii. 639
 Mapoany river, French Guiana, xiii. 562
 Mapurumuka, Mount, East Central Africa, v. 659, 690
 Maputa river, E. Africa, iv. 430
 Mara, town of, Cilicia Tracheia, xii. 460
 Maragwët mount, E. Africa, iv. 746
 Maralbashi, Central Asia, xii. 88
 Maramasiki Passage, xii. 412
 Maramwai, E. Africa, iv. 735
 Maranham Province, report on the trade prospects of, Airie, xi. 41
 Marao Sata, Upper Burma, xiv. 165
 Marash, Asia Minor, xiv. 58
 Marcapata, Bolivia, Golden Hill of Camanti at, v. 314; ravines of, v. 322

- Marcel, G., work by, and communication on Madagascar, v. 360, 558; Cartographie de la Nouvelle France, vii. 779†; Documents pour l'Histoire des Colonies Françaises, vii. 770†; on ancient maps by D'Anville, viii. 272; Carte Catalane de Dulceri antérieure à l'Atlas Catalan de 1375, ix. 784†; reproduction of ancient maps, x. 99
- Marcey, Dr., on rarefied air on mountains, xi. 100
- Marche, A., *Trois voyages dans l'Afrique occidentale*, i. 345†; expedition to the Malay Peninsula and Philippine Islands, iv. 383; exploration of the Calamian Archipelago, vii. 191; award of Paris Society's medal to, viii. 273, 471; explorations in Saipan island, Marianne Group, ix. 739; Luçon et Palaonan, ix. 779†
- Marco Polo, Book of, Fac-simile of a fourteenth-century manuscript of, Nordenskiöld, iv. 389†
- Marcou, M. Jules, on the origin of the name America, xiii. 43
- Mardian Hills, etc., Holdich, i. 372*
- Mareale chief, xii. 335
- Marenga's village, Lake Nyassa, i. 300
- Marengi or Umvengi river, xii. 147
- Marereni, E. Africa, xii. 130
- Marescaux, Lieutenant, visit to Christmas Island, x. 616
- Margary, A. R., memorial to, ii. 568; particulars of the murder of, iv. 729
- Margry, P., *Mémoires et Documents pour servir à l'Histoire des Origines Françaises des Pays d'Ostre-Mer*†, i. 285, iv. 122, ix. 262, x. 742; note on the same, ii. 320
- Marguin, M., projected exploration of the Pilcomayo, v. 496, 740
- Mari tribe and country, i. 57
- Maria tribe, Mardian hills, i. 378-381
- Marienbad, maps of environs of, Austrian Mil. Geo. Institute, ii. 714
- Marine surveys, progress of, since 1831, iii. 623
- Marinel, M. le. *See* Le Marinel.
- Marinelli, G., *Materiali per l'Altimetria Italiana*, vii. 860†; *Le Alpi Carniche*, xi. 53†
- Marinjab oasis, Persia, xiii. 655
- Maritime discovery, etc., 1831-81, review of, Evans, iii. 621
- Maritime Province, Study of the. Ancient and Modern, Lenthéric, i. 809†
- Maritime range, Brazil, viii. 356
- Marakan Su, xiv. 10
- Markham, C. R., the Arctic Expeditions of 1878, i. 16*; Passes on the Afghan Frontier of India, i. 38*; the Upper Basin of the Cabul River, i. 110*; the Basin of the Helmund, i. 191*; Journeys of Bogle and Manning in Tibet, i. 344†; Address on the Progress of Geography, 1879, i. 353*; at British Association, i. 602*; the Valley of the Don, i. 675*; on the State of the Naval Surveys, i. 734*; in India, i. 736; Schwatka's expedition to King William Land, i. 657; Translation of Acosta's History of the Indies, ii. 709†; Peru, ii. 710†; Pernvian Bark, iii. 62†; Leigh Smith's Arctic Discoveries in 1880, iii. 129*; receives medal for Leigh Smith, iii. 434; Progress of Arctic Research since the founding of the British Association, iii. 673*; Baffin's Voyages, iii. 764†; Measures for the Relief of the *Jeannette*, iv. 28*; on Instruction in Navigation, etc., in England, iv. 296*; the Basins of the Amaru-Mayu and the Beni, v. 313*; on the high latitude reached by Lockwood, vi. 538; memoir on the Indian surveys, vii. 691, 692; obituary of Felipe Paz Soldan, ix. 386; communicates account of James's journey in Peru, ix. 505; famous sailors of former times, ix. 524†; award and presentation of Founder's medal to, x. 300, 466; Sul punto d'approdo di Cristoforo Colombo, xi. 462†; Life of John Davis, xi. 701†; obituary of R. H. Major, xiii. 489; on the death of Mr. Bates, xiv. 192, 254; on the discovery of the Galapagos Islands, xiv. 314; on navigation schools, xiv. 407, 408; Columbus and the Fourth Centenary of his discovery, xiv. 585*; remarks at evening meetings, i. 730, iii. 419, 470, 721, v. 226, 296, vii. 57, 88, 285, xi. 150, xiii. 547, xiv. 394
- Markham, Commander A. H., Northward Ho!, i. 479†; Arctic cruise of, i. 663; the Arctic Campaign of 1879 in the Barents Sea, ii. 1*; the voyages and works of John Davis, ii. 326; visit to the Galapagos Islands in 1880, ii. 654, 742*; voyage of the *Tsjibron* to Novaya Zemlya in 1879, iii. 116†; letter to Mr. Leigh Smith, v. 226; report on the relief of Greely, vi. 221; Hudson's Bay and Strait as a Navigable Channel, x. 549*; Sir John Franklin and the Verrill, xiv. 509†; receives Founder's medal, 37, viii. 175
- Markland, Newfoundland, ix. 310
- Markland, Newfoundland, vii. 29
- Markow, M. E., ascent of Mount Ararat, xi. 109
- Marmolata, Austrian Alps, height of, x. 454
- Marmora, Sea of, Admiralty surveys in, ii. 418
- Marno, E., Aufnahme des Bahr-el-Ghasal (map), iv. 453; death of, v. 605
- Morocco. *See* Morocco.
- Maroni river, Guiana, xiii. 565
- Marques, A. S., Portuguese Expedition to the Muata Yanvo, etc., xi. 574†
- Marquina, P. R., República Argentina, xii. 707†
- Marra, latitude and height of, vi. 251
- Marsden, Mr., surveys in Sumatra, i. 760, 763

- Marseilles, Geographical Society of, proceedings of, iii. 55, 571, iv. 114
- Marseilles, topographical plan of the commune of, Lan, ii. 203
- Marsh, M. H., obituary of, iii. 398
- Marshall and Watt, Messrs., ascent of mountains in Dominica, i. 596
- Marshall, Prof. A., on lands still available for European settlement, xiii. 33
- Marshall Islands, viii. 552, 555, xiv. 709; the Country and People, Hager, ix. 322 †
- Martel, E. A., Promenades et Recherches dans les Cévennes, viii. 411 †; Le Cañon du Tarn, viii. 411 †; Le Causse Noir et Montpellier-le-Vieux, viii. 411 †; on the Katavothrae of the Morea, xiv. 466; exploration of Creux de Souci, xiv. 556; Le Tindoul de la Vayssière, xiv. 722 †
- Martial, Capt., scientific expedition to Cape Horn, vi. 348
- Martin, Capt. G., Survey of the Kurram Valley, i. 617 *
- Martin, J., journey in Am... land of Saghalien, iv. 1... Siberia, viii. 532, ix. 203, 378; in China, xii. 45; Paris Society's medal awarded to, ix. 255
- Martin, K., Reise ins Gebiet des oberen Surinam, viii. 346 †; Reise nach Niederländisch West-Indien, und darauf gegründete Studien, ix. 520 †; Westindische Skizzen, ix. 461 †
- Martin, W. R., Text Book of Ocean Meteorology, x. 54 †
- Martinière, H. de la, explorations and archaeological researches in Morocco, vi. 421, xi. 48, 181; Essai de Bibliographie Marocaine, viii. 672 †; photographs of Morocco, xi. 324; Morocco, xi. 513 †
- Martins, C., Du Spitzberg au Sahara; Étapes d'un Naturaliste, etc., ix. 524 †
- Martius cataract, viii. 520
- Martyn, Henry, Smith on, xiv. 877 †
- Maruchak, fort of, Afghanistan, vii. 283, 285, 565
- Marungu tribe and county, East Central Africa, ii. 308, 733
- Marun-Kunka ridge, Bolivia, v. 322
- Marup, N. Borneo, iii. 196
- Marutse country, S. Africa, ii. 177; Ma-bunda Empire, Holub on the, ii. 261
- Marvin, Ch., Col. Grodekoff's ride from Samarcand to Herat, etc., iii. 59; Russian Campaign against the Akhal Tekke Turcomans, etc., iii. 114 †; Merv, the Queen of the World, iii. 319 †; the Petroleum of the future, vi. 100 †; the Russians at Merv and Herat, vi. 235 †; the P... n. xi. 755 †
- Masa, p...
Masailand—
 Account of, Farler, i. 92
 Journeys in, Fischer, vi. 76 *, Last, v. 166, Thomson, vi. 690 *
 Native routes through, i. 137, 138, Farler on, iv. 606, 730 *, Wakefield on, iv. 742
 Notes on, Last, iv. 224
- Masailand—continued—**
 Route to, south of the Luvu, iv. 739
 Through, Thomson, vii. 258 †
 Work on, Fischer, viii. 128 †
Masai tribe—v. 166, 380, 523, 524, 528, vi. 79, 551 *et seq.*, 700 *et seq.*, vii. 155
 Attack on mission station, viii. 525
 Language of, table of words and phrases, v. 534
 Notes on, Farler, i. 92 *, Last, iv. 224, v. 528 *, Stevens, xii. 232
 Visit to, Last, v. 517 *
Masalsky, Prince, excursion in the Kars district, ix. 429; on agriculture and colonization in the province of Kars, x. 236
Ma-sam-pho harbour and village, Corea, v. 274, 278, 597; distance and stages from, to Seoul, v. 279
Masanje, N. Africa, iv. 483
Masasi district, Johnson's explorations in, iii. 421; Maples on, ii. 337; Universities' mission station at, rumour of destruction, v. 397.
Masaya volcano, Central America, v. 670
Maschek, R., maps by:—Alps, section of, for tourists, ii. 396; Carinthia and Carniola, parts of, iv. 518; Salzkammergut, viii. 540; Trient, Rovereto, etc., environs of, iii. 443
Masherbrum mt., xiv. 758
Mashhad. See Meshed.
Mashonaland, vi. 33—
 British occupation of, xii. 649
 Correspondence respecting the action of Portugal, xii. 246 †
 Drawings on rock in, by Bushmen, xiv. 298
 Explorations in, xiii. 392, 393; Knight-Bruce, xii. 346 *; Selous, iii. 352, v. 268, 269, x. 164, xii. 146 *
 Geography and Meteorology of, Notes on, Swan, xiv. 299 *
 Gold mines of, x. 729, xiii. 12; ancient workings, xiv. 288
 Map of, Selous, xiii. 722
 Photographs of, Fry, xiv. 272
 Plateau of, xii. 150
 Ruins in, xiii. 14, 15; Bent's explorations of, xiii. 35, xiv. 273 *
 Stations in, lists of, with altitudes, Swan, xiv. 303
Mashona tribe, iii. 307, viii. 66, 68, 69, xii. 346, 654, xiii. 14
Mashukulumbwe tribe, Upper Zambesi, x. 648, xi. 218, 219
Mas Latrie, L. de, L'Île de Chypre, i. 283 †
Masogo village, E. Africa, vii. 651
Mason Bey, Col., on nilometers, iv. 387; on the railways of the Soudan, v. 299; position of Magungo, xi. 644, 645; on the river at the southern end of Albert Nyanza, xii. 40; on the discovery of Mount Ruwenzori, xii. 170
Mason, G. H., Life with the Zulus of Natal, i. 204 †
Mason, J. W., movable diagram of the seasons, etc., viii. 352, x. 809

- Masondrano, routes from, iv. 532
 Massaba, W. Africa, v. 711
 Massachusetts, Rand, McNally & Co.'s pocket maps of, xiv. 138
 Massari, Lieut., expedition in Central Africa, ii. 764, iii. 560, iv. 111. *See* Matteucci.
 Massi-Kossi, S. E. Africa, xiv. 860
 Massowab, district of, area and population, vii. 104; maps of, x. 58, 323; Cora's, ix. 396; island of, vii. 95, 98; town of, xiv. 707
 Mastuj, Kafiristan, height of, vi. 14
 Masubia tribe, Central Africa, iii. 212
 Mata peak, Himalayas, v. 615
 Matabililand—
 And the Victoria Falls, Oates, iii. 636 †
 Climate of, ii. 506, xiii. 9, 10
 Explorations in, Deele, xiv. 719; Oates, i. 790; Selous, x. 293*; note on his map, x. 296
 Gold fields of, map of, Rugg, xii. 772; their boundaries, etc., *id.*, xii. 770; northern, prospectors' map of, Bowler, xi. 703
 Haynes on, ix. 692
 Heights of places in, Croonenbergh, iii. 178
 Map of, Cawston, x. 812
 Maund on, xii. 648*, xiii. 1*; note on his map, xiii. 18, 114
 Missionary influence in, xiii. 9
 Notes on, Patterson, i. 509
 Population and extent of, i. 710
 Matabili tribe, iii. 4, ix. 693, x. 729, xiii. 5, 6, 374
 Matadé, Lower Congo, position of, xiii. 36; starting-point of railway, xi. 571
 Matai formation, New Zealand Alps, vi. 63, 64
 Mataka, chief, iv. 484; position of his town, iii. 421
 Matambwe tribe, E. Africa, iv. 75, 80
 Matapwiri route, xii. 141
 Materbert Island, New Britain, iii. 93
 Matetsi river, Central Africa, xi. 221
 Mathematical geography, wall map for the teaching of, vii. 272
 Mathers, E. P., the Gold Fields re-visited, etc., x. 315†; on the salubrity of Barberton, S. Africa, x. 441; Golden South Africa, xi. 254†; Zambesia, England's El Dorado in Africa, etc., xiii. 694†
 Matheson, H. C., Railways in China, xiv. 723†
 Mathews, E. D., Up the Amazon and Madeira Rivers, i. 742†; on Eastern Bolivia, etc., iii. 418; British Guiana and Venezuela, x. 315†
 Mathieson, Gen. H., *Etude sur les Courants*, etc., dans l'Océan Atlantique, xiv. 876†
 Mathieson's map of the railway systems in England and Scotland, ii. 327
 Mathieu, C., Colonie du Sénégal, vi. 614
 Matipa, district of, vii. 605; peninsula of, vii. 334
 Matitánana river, Madagascar, iv. 526
 Matola chief, ii. 343, vii. 159
 Matopo range, South Africa, xiii. 3
 Matoshkin Shar, ii. 3, 6, 21, 25, 26, 641, v. 213
 Matsiatra river, Madagascar, iv. 522
 Mattei, Captain, journey to Lukoja on the Niger, v. 43; photographs of the Lower Niger, v. 558, 560
 Matterhorn, Ascent of the, Whympier, i. 809†
 Matteucci, Dr. P., *Spedizione Gessi-Matteucci*. Sudan e Gallas, i. 610*; expedition in Central Africa, ii. 317, 507, 564, 691, 764, iii. 560, 743, iv. iii.
 Matthews, Dr. Percy, on the depth of the frozen soil in the Polar regions, ix. 769, 773
 Matthews, J. W., Incwadi Yami (South Africa), x. 476†
 Matthews, W., the Flora of Algeria, ii. 782†
 Matto Grosso mountains and plateau, S. America, xii. 408, viii. 517, 518
 Matumbato district, E. Africa, vi. 701
 Matungeh peak, Afghanistan, i. 629, 630
 Matupi volcano, New Britain, viii. 551, ix. 4
 Matveyeff, Col., journey into Badakshan, ii. 249
 Matyushin Shar. *See* Matoshkin.
 Mau Escarpment, East Africa, xiii. 195, 196; plateau, xiv. 821
 Mau Shans, the, v. 673
 Mau cannibal tribe, ix. 473
 Manch Berg, South Africa, altitude of, x. 439
 Mauch, K., on the positions and ruins of Zimbabwe, xiii. 18 *note*, xiv. 280
 Maucka Cove, Saghalin island, ii. 567
 Maudslayi, A. P., collection of sculptures from temple on Usumacinta river, vi. 741; Explorations in Guatemala, etc., v. 45, 98, 185*, 385; Exploration of Ruins at Copan, Central America, viii. 568*; explorations in Central America, ix. 345; fourth expedition, xi. 239; remarks at evening meetings, viii. 565, xii. 220
 Mau's population of, ii. 469
 Mau's route, China through, viii. 5, 6, 7, x. 120, 131
 Mauna-Loa, volcano, eruption of, Green on, iv. 61
 Maund, E. A., on position of towns in Matabeleland, x. 296; on British Zambesia, xii. 649*; on Matabele and Mashona lands, xiii. 1*; note on the map of the same, xiii. 114; on European settlement in tropical South Africa, xiii. 35; remarks on the ruins of Mashona-land, xiv. 305
 Maundrell, H., Journey from Aleppo to Jerusalem, A. D. 1697, xiii. 244†
 Maungu mount, E. Africa, iv. 749, vi. 554, 562

- Maunoir, C., *L'Année Géographique*, i. 346 †; report of Paris Geographical Society, v. 44, vi. 93; Congrès des Sociétés Savantes, xiii. 124 †
- Maurel, M., journey in Morocco, vi. 421; scientific mission to Cambodia, viii. 533
- Mauri, E. Africa, iv. 732
- Maurice, Colonel J. F., Military History of the Campaign of 1882 in Egypt, ix. 780 †
- Maurilaun, F. K., Die Schneegrenze im Gebiete des Mittleren Innthales, x. 395
- Mauritius, as it was before the Cyclone, xiv. 869 †; Expedition of the Earl of Crawford and Balcarres to, in 1874, viii. 131 †; First Establishment of the Dutch in, Bonaparte, xii. 301 †; Geography of, Decotter, xiv. 132 †, Duprey, xiv. 871 †
- Maurus river, Tibet, vii. 70. *See* Mur-ussu.
- Maury, Life of, Corbin, x. 479 †
- Mausolea, Imperial Chinese, Bourne on, v. 23 *
- Mavia (Mabiha) hills, East Africa, v. 399; plateau, iv. 73, 731; tribe, iv. 79, v. 393, 398-402, vii. 433; words, table of, v. 403, 404
- Maviti tribe, E. Africa, ii. 344, iv. 76, 77, 80, 83, v. 397
- Mawa, village of, vii. 115 *and note*
- Mawega Mlenga, rocks at, v. 520
- Mawenzi peak. *See* Kimawenzi.
- Maximowicz, Prof. C. J., Beiträge zur Kenntniss des Russischen Reiches (in part), ix. 517 †; Scientific Results of Prejevalsky's Travels, xii. 571 †; on the floras of Tibet and Mongolia, xiii. 181
- Maxinga, Andrada's journey to, in 1881, iv. 417
- Maxwell, Capt. W. H., visit to the Caroline Archipelago, iv. 92
- May river, North-West Australia, v. 723
- Mayango, chief of Boshende, vii. 363
- Maybole range, Ferguson island, xi. 536
- Mayers, W. F., on stone figures at imperial Mausolea, China, v. 27 *note*, 28
- Máyin district, xiii. 291
- Mayne, Admiral, on a possible communication between Skyring water and Smyth's channel, ii. 706; Summary of Explorations in British North Borneo, x. 134 †; obituary of, xiv. 473
- Mayo, Earl of, Journey from Mossamedes to the Cunéé, v. 458
- Mayo Kebbi. *See* Kebbi.
- Mayo tribe, Vera Cruz, ix. 568, 570
- Mayor island, New Zealand, Goldsmith on, vii. 613
- Mayumba, physical characteristics of, viii. 330
- Mayu-tata, river, Bolivia, iii. 405, v. 313
- Mazanderan, N. Persia, inhabitants of, v. 69
- Mazar, Central Asia, iii. 350
- Mazar-i-Sharif, road to, ix. 104
- Mazar-Mondjilik-Khanum plain, xii. 163
- Mazar-Tagh hills, ix. 734, xii. 30
- Mazaruni river, Brit. Guiana, vi. 455, 470
- Mazlurán or Mestorian, i. 169, 170
- Mazindi, E. Africa, iv. 732
- Mazinjire tribe, viii. 84
- Mazizima Bay. *See* Fernão Veloso.
- Mazoe river, xii. 146-148; gold fields of, xii. 654, xiii. 12, xiv. 299; Andrada's journey to, in 1881, iv. 417
- Mazures, Bishop T. des. on the Sampo and the Irawadi, vii. 311; on the countries between Tibet, Yunnan, and Burma, ix. 355, 367
- Mazwah mountains, ii. 236
- Mbau river, Cameroons, xiii. 564
- M-bangi river. *See* Mobangi.
- Mbarutiani, chief and kraal, Masai country, v. 541, 548
- Mbarfery, latitude and height of, vi. 251
- Mbw river, Cameroons district, xii. 464
- Mbé country and people, xiv. 525
- Mbile river, West Africa, xiii. 176
- Mbo tribe, ix. 115
- Mbomo river, Central Africa, ix. 402, 409, xiii. 176
- Mbura river, Central Africa, vii. 456, viii. 631
- McArthur, A., explorations in the Arctic regions, ix. 246
- McCall, A., mission to the Congo, ii. 412, iii. 176, 360; death of, iv. 45
- McCartoy, J., Journey Across China, from Chin-Kiang to Blamo, i. 127, 489 *
- McCarthy, James, on Siam, x. 117 *, 132, 133; award of Murchison Grant to, x. 300, 468; longitude observations in Siam, xiii. 111
- McCarthy, Rev. E. F. M., on the place of geography in education, viii. 716
- McClintock, Sir L., remarks at evening meetings, i. 35, ii. 37, v. 224, viii. 56, 172, 769, xi. 483; his search for Sir John Franklin, ii. 660, 661
- McConnell, Mr., surveys in northern British Columbia, x. 382
- McCormick bay, xiv. 698
- McCormick, R., Voyages of Discovery in the Arctic and Antarctic Seas †, vi. 236, x. 610
- McChindle, J. W., Ancient India, as described by Ktésias, iv. 443 †; *id.*, by Ptolemy, vii. 766 †
- McCulloch, Major, on Manipur, xiii. 293
- McDonall, Vice-Consul, on the port of Muhamrah, xiii. 297
- McEwan, Mr., grant awarded to, vi. 340, 418; journey in E. Africa, vi. 579
- McFarlane, Rev. S., Among the Cannibals of New Guinea, x. 478 †
- McFarlane River, Athabasca, v. 640, 648
- McGill, G. A., on the Disineries of Rajputana, vi. 593
- McGrigor, A. B., obituary of, xiii. 400
- Meheza's town, viii. 70
- McIlwraith, mount, Owen Stanley range, xi. 606, xii. 210
- McKay, —, Exploration of Mt. Cook, vi. 63

- McKerrow, Jas., Report of the Survey Department, New Zealand, vii. 127, xi. 121 †
- McLean, M., Echoes from Japan, xi. 749 †
- McNair, W. W., expedition into Chitral, v. 552, 720, 733; vi-it to Kafirstan, vi. 1 *; Grant awarded to, vi. 340, 418; obituary of, x. 612, 684; Memoirs of, Howard, xii. 184 †
- McNeill, Sir John, obituary of, vi. 381
- McTurk, M., exploration of the upper Cuyuni, iv. 695; visit to Mt. Roraima, vi. 672
- Méa, P., Carte de l'Afrique Occidentale, vii. 60
- Meakin, J. E. B., Morocco as a field for geographers, xiii. 630
- Means, Rev. J., on American missionary expedition to Africa, ii. 45
- Mecca, six months residence in, Hurgronje, ix. 257; work on, with illustrations, *id.* †, x. 736, xi. 313
- Méchin, Baron, journey in Asia, vi. 48
- Mechow, Major von, explorations of the Kwango, i. 75, ii. 778, iii. 573; map of the same, Kiepert, iv. 709; *id.*, large scale, vii. 60; on the southern tributaries of the Congo, v. 239
- Mecklenbourg, map of, Malte-Brun, ix. 463
- Meda river, North-West Australia, v. 723
- Medals and grants, award of, i. 466, ii. 311, 446, iii. 316, 431, iv. 431, v. 296, 417, vi. 341, 415, vii. 345, 474, viii. 400, 465, ix. 311, 452, x. 300, 466, xi. 305, 310, 440, xii. 288, 471, xiii. 294, 491, xiv. 316, 485
- Medamūd hills, ix. 674
- Medellin, Colombia, v. 261
- Medical Geography, Bordier, vi. 55 †
- Medina, J. T., Ensayo acerca de una Mapoteca Chilena, etc., xii. 248 †
- Mediterranean Sea—**
Beyond the: (Kabylin, Aurès, and Kroumir, Fallois, ix. 649 †
Botanical changes on shores of, iv. 635
Cassell's Picturesque, ix. 878 †
Deep-sea explorations in, Austrian, xiv. 121, 375; Italian, v. 489
Deposits, composition of, Buchanan, xiii. 734
Depths in the, xi. 724
Hand-book to, Murray, xii. 244 †; Playfair †, iii. 58, v. 182
La Côte d'Azur, Liégard, x. 736 †
Levels of the, viii. 23
Map of (and Northern Africa), iv. 187; *id.*, Serué and Van Otterloo, i. 815
Physical and Historical, Playfair's address on, xii. 620
Structural development of the basin of, xiv. 645, 646
Winter Resorts in, Bale, xiii. 183 †
Work on, Schweiger-Lerchenfeld, xi. 463 †
- Medjerda, delta of, Fischer on, ix. 243; map of, ix. 137
- Medlicott and Blanford, Messrs., Manual of the Geology of India, i. 809 †
- Mégo tribe, ix. 205
- Mehana, Turkistan, iv. 495
- Meh-kha river, ix. 369. *See also* 'Nmai-kha.
- Meh Ping river, viii. 6, 9, 15
- Meiklejohn, J. M. D., New Geography on the Comparative method, xi. 397 †
- Mei-ling pass, China, ii. 156
- Meinam and Meinam Kong. *See* Menam and Mekong.
- Meinam Chan Phraya river, Siam, x. 118
- Mei Ping river, Siam, x. 119
- Mei-yu-fu, province of, China, v. 442
- Méjow, V. T., Recueil du Turkestan, etc. †, i. 687, vi. 542, xi. 55
- Mekes district, New Guinea, ix. 74
- Me Khok river, Shan states, xiii. 705
- Mekhsas, Persia, v. 62
- Mekins of Rodah, Nilometer at the, xi. 245
- Mekinley island, China Straits, v. 508
- Mekong river, iii. 665, iv. 616, vii. 70, 317, x. 118, xiii. 707
Ascent of the, Réveillère, viii. 205
Explorations of the, De Fésigny, ix. 774; Pardoux, *ib.*
Map of the route from Bangkok to, v. 375
Upper, Branda on †, ix. 316, xi. 512; navigability of the, x. 597
Report on a journey in the valley of, Areher, xiv. 194 †
Route to China, *via* the, viii. 2
- Melanesia—**
Anthropology and Folk-lore of, Codrington, xiii. 571 †
Cruises in, 1882-84, Bridge, viii. 545 *; Maclay, iv. 768, 769, v. 47
Languages of, viii. 547; Codrington on, viii. 280 †; von der Gabelentz on, ix. 59 †
Missionaries of the Sacred Heart in, Jouet, xi. 320 †
Ten years in, Penny, ix. 523 †
- Melanesian Mission, the island voyage, 1885, ix. 59 †; tribe, New Guinea, vi. 209, 210
- Melapi, village of, North-East Borneo, v. 92
- Melbourne, *Argus* and *Age* expeditions to New Guinea, vi. 37, 217, 371; Geographical Society of, expedition to New Guinea, vii. 383; longitude of, Peek, v. 488; map of site of, in 1837, Russell, iii. 827; population of, vii. 462
- Melrose, Dr., on cyclone tracks in the Indian Ocean, xiii. 644
- Melena, E., Erlebnisse und Beobachtungen eines Aufenthaltes auf Kreta, xiv. 59 †
- Mello, Barão H. de, Atlas do Imperio do Brazil, iv. 456
- Mello, Professor de, on geographical education in Portugal, x. 651
- Melrose, Dr., journey up the Panyny, iv. 295

- Melville, G. W., search for De Long, iv. 375; Report on his Expedition, v. 241 †; in the Lena Delta, vii. 261 †
- Melville, Philip, obituary of, v. 389
- Melville island, Holtze's exploration of, xiv. 862
- Memeh, R., Cameroons, x. 380
- Menangene, Cape Delgado bay, v. 395
- Menangkabau district, Sumatra, i. 764
- Menarâhaka mountain and river, Madagascar, iv. 529
- Ménard, R., *Le Monde vu par les Artistes*, ii. 713 †
- Mendaña, Spanish expedition of discovery of the Solomon islands by, xii. 401, *et seq.*
- Mendi tribe, Sierra Leone, xiv. 435, 436
- Mendoga, Capt. B., explorations in the province of Parana, x. 650
- Menelik, King of Shoa, vii. 109, 110, viii. 526
- Menges, J., *Reise auf das Hochplateau der Somali Halbinsel* (map), vii. 135
- Mengete pass, Tian Shan, xii. 668
- Mengo, East Central Africa, xiii. 205
- Menocal, A. G., on the Nicaragua route of the interoceanic canal, ii. 138
- Menouthias island (Pemba or Zanzibar), xiii. 526, 545; Ptolemy's position of, xiii. 545
- Mense, Dr., journey up the Kwaugo, ix. 707, 780
- Menten, Père, journey from Quito to the Pacific, iii. 488
- Mentone, photographs of, Jackson, xii. 648
- Meo tribe, Siam, x. 125
- Me Ping river, xiii. 704
- Mera, Juan Leon, *Catecismo de Geografia de la Republica del Ecuador*, xiii. 244 †
- Mesapi mount, height of, vii. 50
- Merbat town, viii. 100
- Mercantoura, Cima di, height of, ii. 191
- Mercator, G., *Drei Karten von Europa, Britische Inseln, Weltkarte*, xiii. 748; *La Grande Carte de Flandre*, *Réproduction phototypique de Maes*, iv. 578
- Merchant shippers' and ocean travellers' atlas, T. R. Johnston, viii. 351
- Mercier, Ernest, *Histoire de l'Afrique Septentrionale*, etc., x. 603 †; *La France dans le Sahara et au Soudan*, xi. 751
- Merensky, A., map of South Africa, vi. 239; on Negro Labour, viii. 802 †
- Merewether, Col. Sir W. L., remarks at evening meetings, i. 257, ii. 244, 547; obituary of, ii. 704
- Merewether river, New Guinea, xi. 89
- Mergen wells, Turkoman desert, iv. 219
- Mergui Archipelago, the Selungs of the, Anderson, xii. 434 †
- Merian, M., *Skizze seines Lebens*, etc., Eckhardt, ix. 720 †
- Mérida, Cordillera of, etc., Sievers, x. 604 †
- Meridian, prime, Holdich on, xiii. 615
- Merk, M., journey through Sistan, viii. 331
- Merk-z, ruined castle of, viii. 96
- Meroe island, Ptolemy's position of, xiii. 543
- Merrifield, Mr., instructor in navigation, iv. 307
- Merrill, S., East of the Jordan, iv. 182 †
- Merriman, C. C., *Lectures, etc., Scientific and Literary, and on Foreign Travel*, viii. 408 †
- Merseburg, map of the district of, ix. 327
- Mertens, Prof., Banda, Timor und Flores, xi. 459 †
- Mertvyklduk, Gulf of, Trans-Caspian region, v. 392
- Meru mountain, E. Africa, v. 547, vi. 82, 696
- Meruchak, Afghanistan, vii. 580
- Merv—
- And Herat, Nomenclature of the Country between, Vambéry, vii. 591 *; *id.*, Geldsmid on, vii. 823
- And its Surroundings, O'Donovan, iv. 345 *
- Desert of, iv. 355
- District, surveys in the, ix. 436
- History of, i. 188, iii. 530, vii. 578
- Map of, Hassenstein, vi. 613; Lessar, v. 43
- Oasis, area of, vii. 401; O'Donovan on, iv. 771 †; position of the capital of, v. 43, 561
- Present condition of, ix. 51
- Road to, Rawlinson, i. 161 *
- Route from, to Herat, v. 4
- The Queen of the World, Marvin, iii. 319 †
- Town and oasis of, xi. 285, 286
- Villages between Penjeh and, vii. 580
- note*
- Merv-dasht plain, Persia, v. 189, xiii. 291
- Merv-er-Rud, Afghanistan, viii. 580 *and note*
- Mervis tribe, viii. 146
- Méry, M., exploration in the Sahara, xiv. 560, 707
- Merzbacher, Herr, travels in the Caucasus, xiii. 723
- Mesa valley, Caucasus, xiii. 317, 318
- Mesaorea plain, Cyprus, xi. 709
- Meshed, ancient city of, i. 180; Position of, Holdich, vii. 735 *; roads from, to Ashkabad, viii. 401; to Afghanistan, v. 6; to Sarakhs, iv. 497
- Meshra er Rek, latitude of, vi. 251
- Meskakeh, Arabia, ii. 84
- Meslée, M. Martin la, on the Australian Geographical Society, v. 104, 560
- Mesny, W., journey from Canton to Kwei-Yang-fu, ii. 651; discovery of ancient Lolo folio by, v. 447; Tungking, vi. 483 †; on gold-washing in Tibet, vii. 544
- Mesopotamia, South, geography and ethnography of, Moritz, x. 391, 392
- Messedaglia, G. B., *Diario Storico Militaire delle Rivolte al Sudan dal 1878 in poi*, ix. 261 †
- Messent peak, Caucasus, xiii. 319

- Messer, Dr. [misprint for Mense, q. v.]
 Mestia pass, Caucasus, x. 338 *note*
 Mestorian, city of, i. 178, 179; aqueduct to, i. 178
 Metchnikoff, M., on the progress of geographical science in Japan, iii. 759;
 Les Grands Fleuves Historiques, x. 318 †
 Motemo ruins, xiv. 292
 Meteorites, Distribution of, upon the Earth's Surface, Pfeil, i. 744 †
Meteorological—
 Charts for the Cape ocean district, iv. 520
 Committee, international, meeting at Berne, 1880, ii. 638
 Council of Royal Society, Report of, viii. 409 †
 Department of Government of India, Report on, viii. 342 †
 Expeditions, Polar, Austrian, v. 378, 486, 554; British, v. 378; Danish, v. 166, 603; Dutch, v. 166, 176, 378, 486, 556, 603; German, v. 378, 555; Norwegian, v. 378; Russian, v. 231, 378, 390, 400; Swedish, v. 378, 486, 554; United States, v. 378, 602
 Observations at the Stations of the Royal Engineers abroad, xii. 439 †; in Barbadoes, x. 593; in German New Guinea, Supan on, xiii. 176
 Observations in the Atlantic Ocean, Prince of Monaco on, xiv. 622
 Record, published by the Imperial Academy of Sciences, edit. Wild, viii. 409 †
 Results of the *Challenger* Expedition, Buchan on, xiii. 137 *
Meteorology—
 Of Devonshire, Peck on the, vii. 248
 On the need of teaching in, Dickson, xiv. 714
 Text-book of, Mohn, v. 242 †
 Mothlin and Thasos, Geological Description of, De Launay, xiv. 658 †
 Moto district and town, E. Africa, iv. 84, 85, vii. 666
 Motric system, Forster on the, xiii. 733; A plea for the meter, Ravenstein, ix. 705
 Metz, Geographical Society of, publication cf. i. 101 †; map of neighbourhood of, v. 115
 Meucci, F., Il Globo Celeste Arabico del Secolo XI., i. 814 †
 Meunier, M. S., on the geological results of Dybowski's expedition, xiv. 631
 Meurer, J., Distanz- und Reisekarte von Tirol, etc., ix. 526
 Meurth, C. A., Neueste Comptoir- und Reisekarte der bayerischen Rhein-Pfalz, iv. 775
 Meuse, map of the department of the, Beckerich, vi. 428; plan of the river, xi. 321
 Mexican Central Railway, vi. 596
 Mexicans, Face to Face with the, Gooch, xiii. 127 †

Mexico—

- Aborigines of Vera Cruz, Baker on, ix. 568 *
 Anthropology of, Castille and Balcena, viii. 411
 As it is To-day, Frida y Arteaga, xiv. 874 †
 Atlas, Historical, of, Cubas, vii. 494
 A White Umbrella in, Smith, xi. 462 †
 City of, position of, Jinenes and Fernandez, iii. 106
 Commercial charts of, Bianconi and de Balestrier, xi. 634
 Conquest of, history of, v. 266
 El Algodonero, Memoir by D. Gutierrez, xi. 633 †
 Excursions in the Forests of Central America and, Oswald, iii. 380 †
 Explorations in, Chamay, ii. 776, iii. 501, iv. 565; Heilprin, xiii. 239 †
 Forest region of, xii. 429, 431
 Geographical Exploring Commission, Report on, Diaz, xi. 633 †; Names of, Penafiel, viii. 407 †; Study of, Cubas, xi. 633, 634 †
 Geography, History, etc., of, Cubas, vii. 488 †; Sketch of, Orozco y Berra, iv. 122 †
 Geological map of, xii. 774; structure of coast line (Eastern), xiv. 649
 Geology and Palaeontology of the Cretaceous Deposits of, Heilprin, xiii. 240 †
 Guide to, Appleton's, Conkling, xiii. 127 †; Janvier, viii. 536 †; Merchants' and Tourists', Zarembo, vi. 55 †
 Handbook to, Hamilton, vii. 56 †
 Inundacion de la Ciudad de Leon (map), xi. 639; *id.*, de Lagos, *ib.*
 Journey to, Leclercq, vi. 618 †
 Journeys in, 1874-75, Ratzel, i. 78 †
 La Ramirita, xi. 633 †
 Maguay of, Study on the Various Products of, xi. 634 †
 Maps of:—xii. 774; Colton, xii. 189; Cubas (oro-hydrographical), i. 351; Rand, McNally & Co. (general), iv. 581, (township, county, and railroad), iii. 444
 Medicinal Waters of, Study on, Lobato, xi. 634 †
 Mining Laws of, xiv. 572 †
 Mountain flora of, Heilprin on, xiv. 473
 Noticia historica de la riqueza minera de, Ramirez, xi. 633 †
 Of To-day, Brocklehurst, v. 241 †; *id.* Saint-Andre, vi. 236 †
 Old Mexico and her Lost Provinces, Bishop, vi. 102 †
 Photographs of, xiv. 482
 Progress and Commercial Possibilities of, Howell, xiv. 342 †
 Rapport du General Porfirio Diaz, xi. 634 †
 Toltec migration, map of, Thuillier, vii. 136
 Travels in, Seler, xii. 438 †
 Trip to, Becher, ii. 782 †

Mexico—continued—

- Volcanoes of, barometrical observations on, Heilprin, xii. 754
- Meydell, E. von, on the variations in level in the Black Sea, viii. 269
- Meyer, Dr. A. B., journey in New Guinea, v. 731, vi. 207, 215
- Meyer, Dr. Hans, expeditions and ascents of Mount Kilimanjaro, ix. 682, 708, 766, x. 34, 45, 448, 708, xi. 504, xii. 37, 94, 175, 331*, 376; Zum Schneedom des Kilimandscharo, x. 603†; journey through Usambara, xi. 39; description of the same, xi. 95, 96; of Ugueno, xii. 230; on the snow-fall on Kilimanjaro, xi. 305; on Stanley's expedition, xi. 385; Across East African Glaciers, xiii. 125†; on Ptolemy's Nile lakes, xiii. 535
- Meyer, J., Karte d. alten Nord-Frieslandes, ii. 714
- Meyers Kleiner Hand Atlas, xiv. 432, 884
- Meyer's Reisebücher, Der Orient, iii. 504
- McFarlane river, Athabasca, v. 640, 648
- Mfini river, W. Africa, vii. 739
- Mfwa (Brazzaville), v. 575, vi. 75
- Mgumi, E. Africa, iv. 732
- M. H., Work of, in Tibet and Nepal in 1885-86, x. 89*
- Mhamissengo island, E. Africa, xii. 138
- M'henge country and its people, E. Africa, i. 757, ii. 114, 116; routes to, from Dar-es-Salaam, i. 418, 419
- Mian-i-Iruk valley, i. 247
- Miami, lake reported by, in Central Africa, v. 36; his route, ix. 406
- Mianzini, E. Africa, xiii. 195
- Mino-tsze tribes of South China, Broun-ton's visit to the, iii. 225
- Mias river, Ural mountains, discovery of limestone cave near, v. 391
- Michailovsk and Bami, difficulties of railway between, v. 12, 20
- Michel, Chr., Alpen-Karte, i. 348, x. 480, xi. 464; Karte von Nord Italien, vi. 486
- Michell, Capt., note on the Irawadi exploration, iv. 560; sketch of the Abor country, Upper Brahmaputra, iv. 676
- Michell, Robert, remarks on the road to Merv, i. 190; on the Regions of the Upper Oxus, vi. 489*
- Michoacan, province of, Mexico, Tordy's mission to, v. 559
- Michow, H., Die ältesten Karten von Russland, vi. 424†
- Mico mountains, Guatemala, v. 189
- Micronesia, Herendsen on prehistoric structures in, vii. 385; Maclay's researches in, v. 47
- Middlesex, map of, Bartholomew, iii. 117; Johnston, iii. 116
- Middleton, Captain, voyage to Hudson's bay, x. 554
- Midian, Gold Mines of, Burton, i. 76†; Land of, *id.*, i. 477†
- Midnight Sun, the Land of the, Du Chailin, iii. 691†
- Midon, Abbé F., on the Ainos of Yezo, viii. 59
- Mielberg, J., Magnetische Beobachtungen des Tifiser Observatoriums im 1879, iii. 189†
- Miessler, A., Deutscher Geographen-Almanach, vi. 607†
- Miete lake, Abyssinia, discovery of, v. 552
- Miguillo, Bolivia, v. 341
- Mitavani district, E. Africa, vi. 726
- Mijertain country, Reyvoil's journey in, i. 805, 806, iii. 182; Somalis of the, ii. 373, 374
- Mikenye river, vii. 455, viii. 629
- Mikhi tribe and country, Benue river, xiii. 457, 458
- Mikindany, E. Africa, iv. 67
- Miklukho-Maclay, M., explorations in New Guinea and neighbouring islands, iv. 768, 770; in the Malay Archipelago, Melanesia, and Australia, v. 45-47
- Mikochene, E. Africa, iv. 732
- Milanjji Mount, E. Africa, vii. 434, 654, xiii. 271, 272; White's exploration of, xiv. 472
- Milanow tribe of Sarawak, iii. 198-201
- Miles, Col. S. B., coasting journey along Southern Arabia, viii. 100
- Miles, General, expedition to Alaska, vii. 246
- Mill, Dr. H. R., on river entrances, viii. 732; on the Ordnance maps, ix. 704; salinity of the Clyde sea area, and sea temperature on the continental shelf, x. 667; Elementary Class Book of General Geography†, xi. 576, xiv. 730; Elementary Commercial Geography, xi. 122†; its physical basis, xi. 625; the realm of Nature, xiv. 506†; the Clyde sea area, xiv. 567†; on the physical geography of the Firth of Forth, xiv. 627; on the teaching of geography in Russia, xii. 669; appointed librarian to R. G. S., xiv. 235
- Miller, Dr. W., the Least of all Lands, xiv. 731†
- Miller, W., notes on a part of the Western Frontier of British Honduras, ix. 420; Journey from British Honduras to Santa Cruz, xi. 23*
- Mills, W. W., journey across Australia, vi. 594
- Millson, A., the Yoruba country, xiii. 577*
- Milne bay, viii. 597
- Milne, Admiral Sir A., on the amendment of the nomenclature, *id.*
- Milne, Dr., on the climate of Blantyre, ix. 305
- Milne, Prof. John, on the earthquakes in Japan, vii. 384; Earthquakes and other Earth Movements, viii. 477†; the volcanoes of Japan, viii. 671†
- Milne-Edwards, A., scientific mission in the Atlantic, v. 360, 561, 740; submarine explorations, vi. 94, 346, 347; on the fauna of Great Comoro, vii. 611

- Milne-Edwards, M. Henri, death of, viii. 58
- Milo River, Sierra Leone, xiv. 449
- Milum, Rev. John, Journey from Lagos up the Niger to Bida, iii. 26*
- Milz, Lieut., exploration of the Welle-Mobangi, xiii. 610
- Min river, China, xiii. 331
- Minaná Strait, Colombia, forest of vanilla orchids in, v. 260
- Minar, or shaking tower, Bostam, Persia, v. 79, 80
- Min-chia tribe, viii. 380
- Minchin, J. B., Eastern Bolivia and the Gran Chaco, iii. 401*; Journey on the Andean tableland of Bolivia in 1882, iv. 671*; work in South America, v. 342-385
- Minchin, J. G. C., the Growth of Freedom in the Balkan Peninsula, ix. 258†
- Ming dynasty of China, ix. 534
- Ming-Kishlag, Caspian, i. 167
- Minicoy: the Island of Women, xi. 314†
- Minnesota, Geological and Natural History Survey of, Reports for 1884 and 1885, ix. 461†
- Minorea, ancient ruins in, ii. 653
- Minusinsk Museum, Prehistoric antiquities in the, Klements, ix. 459†
- Minutilli, Prof., on science, civilization, and commerce in Africa, iv. 244
- Miongo and Miritu, names for the interior of Africa, v. 287
- Mir Abdul Latif Khán Shushtarí, on the Sabzeaus, xiii. 663
- Mir Alam Khan, the Amir of Kain, viii. 139, 140
- Mirambo, Chief, vii. 399, 605
- Miranda, Lieut., expedition to the Tapajos, x. 651
- Miranzai expedition, Wahab on the, xiii. 296
- Mireya, village of, Central Africa, xiii. 96
- Miri tribes, Assam, i. 126
- Mirza Aga Khan of Kaleh-i-Tul, Persia, v. 150
- Mirza Jafir, Persia, xiii. 648
- Mirzapur district, Note on Pargana Dudhí of the, Conybeare, ii. 199†
- Misanguti tree of Central Africa, uses of the, xi. 691
- Misgah village, Pamirs, xiv. 221
- Mishirgi glacier, vii. 599, 600, xii. 281, 284
- Mishirgi Tau peak, Holder's ascent, and height of, xi. 361, 364
- Mishimi tribe, Upper Assam, vii. 75, 314, viii. 321, ix. 24, xi. 386
- Misima or St. Aignan Island, Louisiades, xi. 533
- Misiones, Cartas sobre, Peyret, viii. 603; Territory of, Lista, vi. 609†
- Mississ glacier, Caucasus, xi. 362
- Missi-Nipi or English river, Canada, v. 649, 650
- Missionary ... i. 2, 360
- Missionary ... Boston to Honolulu, ... ii. 712†
- Missions-Atlas, Katholischer, Werner, viii. 136
- Mississippi river, viii. 369—
- Course of the, Hesse-Wartegg, iv. 122†; Discovery of the true source of the, Glazier, vii. 23
- Down the Great River; discovery of the true source of the, Glazier, ix. 717†
- Length of, ix. 120, 253
- Source of the, ix. 119; chart of, Brower, xiii. 643; claim to discovery of, Glazier, vii. 23; his map, ix. 211; Hinman on, viii. 652; Giles on,† ix. 262, 716
- Valley of, the prairies of the, xiv. 79
- Missongwe river, E. Africa, vii. 651
- Missouri-Mississippi, length of, ix. 120, 253
- Missouri river, Hayden on the source of, i. 721
- Missouri, state of, geological survey of, xiv. 815; latitudes and longitudes of points in, Woodward, xii. 362
- Mistassini lake, N. America, vi. 585, 681; Bignell's visit to, vii. 181; Quebec Geographical Society's expedition to, vii. 244
- Misti Mount, Peru, altitude of, xii. 229
- Mitchell, H. L., on the seizure of the Egyptian Geological Expedition, i. 150†
- Mitchell, Major-General, J. E., obituary of, v. 389
- Mitchell, Mrs. M., a Missionary's Wife among the Wild Tribes of S. Bengal, ix. 61†
- Mitchinson, A. W., on Holub's journey in South Africa, ii. 181; the Expiring Continent: Travel in Senegambia, etc., iii. 115†; travels in Western Africa, iii. 571
- Mitford, E. L., a Land March from England to Ceylon forty years ago, vi. 681†
- Mitford, Major-General R., Orient and Occident, x. 744†
- M'Iver, General, proposed expedition to New Guinea, vi. 578
- Miyabe, K., the Flora of the Kurile Islands, xiii. 133†
- Miyakeshima, Bonin islands, xiii. 370
- Miyomotegawa river, Japan, ix. 96
- Mizon, Lieut., explorations in the Ogowé-Congo region, vi. 96, 97, 159, 162, 376, viii. 775, *et seq.*; Journey from the Niger to the Congo, xiv. 412, 558, 872†
- M'Kabbas dwarf tribe, viii. 446
- Mkata river and swamp, E. Africa, iv. 280
- M'Kay, Mr., ascent of western glaciers of Mount Cook, vi. 63
- Mkomazi, East Africa, iv. 782, v. 540, x. 94
- Mkondôa district, Central Africa, iii. 563
- Mkondozi river, viii. 79
- Mkonumbi, position of, xiv. 803
- Mkopoka village and chief, East Africa, v. 400, 401
- Mkubure river, S. E. Africa, vi. 635, 645
- Mkubwe river, Central Africa, xiv. 37, 40

- Mkusi, bay and port, Mozambique, iv. 596
 Mikula village, E. Africa, vii. 662
 Mkulumuzi river, Usambara, i. 85, 88
 Mlela river, S. E. Africa, vi. 153, 734, 737
 Mlolo, chief and town of, xiii. 266, 267
 Mloza stream, E. Africa, vii. 653, 658
 Mluli river, E. Africa, iv. 202, vi. 153, 634
 Mlungusi river, E. Africa, vii. 662, ix. 177
 Mo tribe, W. Africa, xii. 168
 Moab, Heth and, Conder, v. 742 †
 Moar river, Daly's ascent of, iv. 398-400
 Mobangi (Welle) river, vii. 362, 455, viii. 47, 430, 614, 630, 632, ix. 298, 301, xi. 343, xiii. 394; Grenfell's journey up the, vii. 538; Van Gele's explorations of the, ix. 440, x. 234, 300, xi. 325 *, xiii. 37, 175, 610; French boundaries on the, xii. 661; Ponsel's explorations on the, xiii. 561; Delcommune's ascent of the rapids, xiii. 722
 Moberley, W., Rocks and Rivers of British Columbia, vii. 831 †
 Möbius, Professor, on the Zoological and physical conditions of the Baltic, x. 173
 Mockler-Ferryman, Capt. A. F., photographs of Kashmir and Ladak, xiii. 136; of South-west Iceland, xiii. 700; Major Macdonald's Mission to the Niger and Benue, xiv. 807 †
 Modena, map of the province of, xiv. 348
 Modigliani, M., Un Viaggio a Nias, xii. 245 †; exploration of Lake Toba, xii. 669
 Moelach, Wady, viii. 730
 Moeris basin, viii. 455, 456; latest researches in, Whitehouse, vi. 601 *; further explorations in, etc., *id.*, viii. 730; the lake on Ptolemaic maps, *id.*, xii. 684
 Moero lake, vii. 335. See Mwero.
 Moesi river, Sumatra, v. 657
 Moffat, J. S., the Lives of Robert and Mary Moffat, viii. 405 †
 Moffat, Rev. Robert, obituary of, v. 556
 Mogok, Burma, Ruby Mines near, Gordon, x. 261 *; town of, its population, x. 266, 273
 Mogoung river, vii. 302, 305
 Mogul Empire, Travels in, A.D. 1656-68, Bernier, xiv. 501 †
 Mohammera port, Persia, v. 125, 132, 133, xii. 515, 517; report on, xiii. 297
 Moharek island, xii. 1, 4
 Mohilla island, Vincent on, x. 598
 Möhl, Dr. H., Oro-hydrographische und Eisenbahn-Wand-Karte von Deutschland, viii. 284
 Mohler, G., Explorations dans la Patagonie Australe, xiv. 661 †
 Mohn, Prof. H., Text-book of Meteorology, v. 242 †; the Norwegian North Atlantic Expedition, 1876-1878, v. 497 †; Darstellung des Seespiegels und Gewichtes der Luft, etc., vii. 621 †; Die Strömungen des Europäischen Nordmeeres, vii. 616 †; Grundzüge der Meteorologie, ix. 721 †; Les Orages dans la Péninsule Scandinave, x. 538 †
 Mohun, E., map of Brit. Columbia, vii. 413
 Moir, F., journeys in the Nyasa region, ii. 122; carriage of the steamer for Lake Tanganyika, 219; on Kerr's journey to Lake Nyasa, viii. 87
 Moissejeff, Lieut., Arctic voyage of, ii. 13
 Moister, W., Africa: Past and Present, ii. 140 †
 Mojunda mt., Ecuador, iii. 454, xiv. 128
 Mojave river, Colorado desert, xiv. 310
 Mojos, History of the Mission to the, Altamirano, xiv. 63 †
 Mojsisovics von Mojsvar, E., Die Dolomitteriffe von Südtirol und Venetien, i. 233 †
 Mojn river, viii. 514
 Mokhdesho. See Magadoxo.
 Moktar-Bey, Lieut.-Col., explorations in Somaliland, ii. 630
 Molesworth, Capt., journey on Upper Brahmaputra, viii. 99
 Mollendo, Peru, Mansfield on the prospects of trade of, x. 455
 Möllendorf, Dr. von, travels in N. E. China, iii. 101; on the great wall of China, iv. 99
 Möller Bay, Novaya Zemlya, meteorological station at, iv. 570, v. 378
 Möller, etc., Tre Ar i Kongo, ix. 261 †
 Molokai, population of, vii. 462
 Moloki lake, desiccation of, viii. 645
 Molonoy, Sir A., on Thompson's journey from Acera to Prahue, v. 37; Sketch of the Forestry of West Africa, ix. 519 †; on his visit in 1888 to Lagos, xi. 58 †; Commercial Geography of Yoruba, xi. 626 *; Notes on Yoruba and Lagos, xii. 596 *
 Molopo river, vi. 20
 Moluccas, the, Bokemeyer, x. 539 †
 Mombasa, excursion in neighbourhood of, Gissing, vi. 343; Journeys Inland from, Gissing, vi. 551 *, Parker and Blackburn, x. 92, Stokes, vi. 464; prospects of, as an outlet for trade, x. 664; route into the interior from, vi. 565; Wakwati raid near, v. 289
 Mombera, Dr. Laws' station at, iv. 686
 Mombera's territory, Central Africa, iii. 263
 Mommsen, T., the Provinces of the Roman Empire, Cæsar to Diocletian, transl. Dieckson, ix. 263 †
 Monaco, Prince A. de, Sur le Gulf Stream, ix. 322 †; investigations of the Atlantic currents, x. 472, 473; Deuxième Campagne Scientifique de "l'Hirondelle" dans l'Atlantique Nord, x. 608 †; *id.*, Troisième, x. 608 †; Expérience pour déterminer la Direction des Courants, x. 608 †; Sur l'alimentation des naufragés en pleine mer, xi. 192 †; Sur les courants superficiels de l'Atlantique Nord, xi. 518 †; chart of the same, xiv. 271; *id.*, showing currents, xiv. 619; meteorological observations on the same, xiv. 622
 Monks, J. M., Isles, v. 726
 Monal Mount, Himalayas, v. 604, vi. 434
 Mon-Bangi tribe, xi. 327

- Monbuttu country and natives, ix. 294, 295, 296, ix. 404-407; map of Junker's, ix. 439
 M. -Su river, xii. 163
 Mondo, E. Africa, French mission station at, v. 542
 Monet, H., Martinique, xiv. 874 †
 Mongala river, Baert's ascent of, ix. 306; Hodister's exploration of, xiii. 37
 Mongo ma Loba, crater of, vii. 184
 Mongolia—
 Basaltic rocks of, Venukoff on, xi. 180
 Expeditions in—Potanin, vii. 830 †; Prejevalsky, ix. 213, 214; Yadrinuzef, xii. 424
 Inhabitants, etc. of, x. 490
 North-western, map of Potanin and Rafailow's routes, iii. 384; Pievtsoff's expedition in, Morgan on, i. 701; Sketches of, Potanin, iv. 119 †
 Russian Travellers in (Sosnovsky's expedition) †, vi. 54, 425
 Mongols, Among the, Gilmore, v. 367 †; nomadic, vii. 71; of Central Asia, iv. 618, 619, 621, ix. 743, 744, 747, x. 497; of Tsaidam and Koko Nor, vii. 169; or western Tartars, xii. 75 *note*.
 Mongwe hill, E. Africa, vii. 651
 Moniga river, Mozambique, iv. 599
 Monkokwe river, Lake Nyasa, i. 305
 Monks, F., journey in S. E. Africa, xi. 608
 Monla Kachung pass, Bhutan, x. 420
 Monner Sans, R., El Reino de Hawaii, vi. 55 †
 Monnier, M., Un Printemps sur le Pacifique, viii. 62 †; journey across South America, x. 471; Voyage en Guinée, xiv. 503 †
 Mono river, West Africa, D'Albearn's journey up, xiii. 178
 Monson, Sir W., on the instruction of sailors and explorers, iv. 297
 Monsoons, Bradford on the origin and character of, ix. 191
 "Montagnais," Indians, Athabasca, v. 649, vii. 181
 Montagnard, Souvenirs d'un, Russell, xi. 53 †
 Montagna river, viii. 572
 Montana district, Peru, xiv. 383
 Montano, Dr. J., expedition in the Eastern Archipelago, i. 805; in the Philippines, iii. 184, 760; visit to North Borneo, iii. 592; Voyage aux Philippines et en Malaisie, viii. 62 †; on acclimatization, ix. 691
 Monte Somma and Vesuvius, geological map of, Johnston-Lavis, xiii. 378
 Monte Video, Uruguay, ii. 664
 Montefiore, A., H. M. Stanley the African Explorer, xi. 397 †; Florida and the English, xi. 752 †; Leaders into Unknown Lands, xiv. 134 †
 Montefiore, Sir Moses, obituary of, vii. 615
 Monteil, Capt., Expedition in Central Africa, xiii. 369, 560, xiv. 412, 470, 859; fixed points on the Niger, xiv. 240
 Monteiro, Mrs. Rose, Delagoa Bay, xiii. 730 †
 Montelius, Dr., study of archaeology of Great Britain, v. 47, 48; archaeological researches in East Gotland and Skåne, v. 178
 Montenegro, Journey into the Interior of, Schwartz, ix. 701 †; map of, Handtke, xii. 367; of boundaries with Albania, iii. 250
 Montezuma, the Tribute Roll of, Brinton, xiv. 728 †
 Montgonerie, Colonel, survey work of, vi. 442
 Montmorency valley, map of the forest of the, Ponsin, i. 746
 Montolieu, F., explorations in the basin of the Orinoco, iii. 105
 Monngu river, Central Africa, ii. 618
 Mon-Zembo and Mon-Tumbi tribes, Mombangi river, xi. 327
 Monze's village, Upper Zambesi, xi. 217
 Moon, mountains of the, distance from Rhapsun to, xiii. 546; position of, xiii. 539; handy map of the, ix. 68
 Moore, A. W., note on the passes of the Caucasus, vii. 698; obituary of, ix. 200
 Moore, Commander C., the Bore of the Tsien-Tung Kiang, xi. 700 †
 Moore, J., the Queen's Empire, viii. 342 †
 Moore, J. M., New Zealand for the Emigrant, etc., xiii. 186 †
 Moorwatha, N. S. W., Government map of, v. 310
 Moose, town, Hudson's Bay, x. 566
 Moosur, Moso or Lahoo tribe, viii. 8
 Mopea, Central Africa, vii. 647, xii. 717
 Moquis of Arizona, snake-dance of the, etc., Bourke, vii. 407 †
 Moral wells, Nubian desert, vi. 327, 332
 Moraes, J. A. da Cunha, Western Africa, Photographic and Descriptive Album, viii. 60 †
 Morambala marsh, E. Africa, vii. 649; mount, xii. 717
 Morant, G. C., Chile and the River Plate in 1891, xiii. 741 †
 Morant, Mr., on Lamington's Journey through the Shan States, xiii. 722
 Moratan, Fergusson Island, xiv. 796
 Morawhanna river, Guiana, xiv. 668
 Mordva, Juridical Customs of the, Mainof, viii. 60 †
 Morea, Philippson on the settlement and commerce of, x. 801, 802; the Katavothræ of the, Martel on, xiv. 466
 Morebringer, N. S. W., Government map of, v. 310
 Moreco, Serra do, Brazil, xii. 43
 Morehead, Mount, New Guinea, xi. 606, xii. 210
 Morena, J. L., Compendio de Geografia de Bolivia, etc., x. 604 †; Nociones de Geografia de Bolivia, xii. 248 †

- Moreno, F. P., *Viaje á la Patagonia Austral*, i. 687 †; researches in Patagonia, ii. 516; sketch map of the same, iii. 512; journey in Argentine Republic and Bolivia, vi. 233, 422
- Moresby, Admiral, on Powell's visits to New Guinea, v. 515 †; New Guinea, vi. 204; of Tadjura, vii. 105
- Moresby island, China Straits, v. 507
- Moresby, Port, New Guinea, iv. 160, viii. 561, ix. 82
- Morfut plain, Cyprus, i. 101
- Morgan, E. Dalmar, on Peytsof's expedition in N. W. Mongolia, i. 701; Journey to Kuldja in 1880, iii. 150 †; on Regel's Journey to Turfan, iii. 340 †; Steppe Routes from Karshi to the Amu-daria, iii. 723 †; Excursion to Askja, iv. 140 †; reports on Russian geography, v. 389, ix. 433; Notes on the Lower Congo, vi. 183 †; the Congo Free State, vii. 223 †; Translation of Prejevalsky's Letter, vii. 807 †; of Account of Kossiakof's Journey, viii. 32 †; Early Travels to Russia and Persia, viii. 600 †; on MM. Bonvalot and Capus, viii. 796; Prejevalsky's Journeys in Central Asia, ix. 213 †; on Little Russia, x. 668; nomenclature of the ranges south of Lob Nor, xi. 375; Report on the Paris Geographical Congress, xi. 552 †, 601 †; Translation of Account of the Grijimaillos' Journey, xiii. 208 †; of that of Peytsof's expedition, xiii. 99 †; summary of Pendulum observations in Russia, xiii. 168; on Antarctic exploration, xiii. 632; on the old channel of the Oxus, xiv. 236; Early Discovery of Australia, xiv. 808 †; remarks at evening meetings, iii. 297, vii. 89, 370, ix. 18, 172; at the dinner to Mr. Stanley, xii. 498; on the council report, xiii. 503
- Morgan, H. J., the Dominion Annual Register, etc., 1884, viii. 131 †
- Morgan, J., History of Algiers, x. 610 †
- Morgan, J. de, Mission Scientifique au Caucase, xii. 433 †
- Morgen, Lieut., explorations in the Cameroons, xii. 288, 464, xiii. 228, 563; map of his journeys, xiv. 201
- Morice, M. C., on French Cochinchina, ii. 520
- Morier, Sir Robert, report on agriculture and colonization in Semirechinsk and Kars, x. 235
- Morioka, Northern Japan, high declination near, ix. 90
- Moritz, Dr. B., on the geography and ethnography of South Mesopotamia, x. 391, 392
- Morocco—
And the Moors, Leared, xiii. 568 †
As a field for geographers, Meakin, xiii. 630
Atlas Mountains of, Schnell, xiv. 426 †
Early expeditions to, xi. 1, 2

Morocco—continued—

- Explorations, etc., in, Duveyrier, vii. 339; Foucauld, vii. 547, 548; Lenz, ii. 196, 518, 519, 777, 778; Martinière, xi. 48, 181; Thomson, x. 588, 647, xi. 1 †; summary of, xi. 408
- Greck, etc., Accounts of the Geography of, Tissot, i. 151 †
- Its People and Places, de Amicis, ii. 140 †
- Journal of a Tour in, Hooker and Ball, i. 149 †
- Journey to, 1883–84, De Foucauld, x. 670 †
- Land and people of, Von Conring, ii. 269 †
- Maps of, ii. 144, xiv. 202; Lassailly, xiv. 269
- North, further Notes on, Harris, xiii. 164 †
- North-West, Distribution of Tribes in, Harris, xi. 487 †; Trotter on, iii. 444
- Our Mission to the Court of, under Sir J. D. Hay, Trotter, iii. 442 †
- Photographs of, Martinière, xi. 324
- Population of, xi. 176
- Ride in Petticoats and Slippers in, Colville, ii. 522 †
- Southern, and the Atlas, Travels in, Thomson, xi. 395 †
- Vi-it to the Court of, Leared, i. 345 †
- Visit to Wazan, the sacred city of, Watson, ii. 782 †
- Works on, Martinière, xi. 518 †; Loti, xii. 301 †
- Moroquane district, S. Africa, ii. 695
- Morot, M. J. B., bequest to Paris Geographical Society, vii. 547
- Morris, D. F. van Braam, journey to New Guinea, vii. 172, 182, 253, 423
- Morris, H., Historical Account of the Godavery District, i. 147 †
- Morris, Mount, Australia, xiv. 181
- Morrison, G. E., expedition in New Guinea, v. 740, vi. 87, 217, 372
- Morrison, G. J., visit to the new course of the Yellow River, i. 127; Journeys in China, ii. 145 †; on the Yellow River, v. 104
- Morrison, Mount, Formosa, vii. 20
- Morse, E. S., Ancient and Modern Methods of Arrow-Release, ix. 264 †; Japanese Homes and their surroundings, ix. 459 †
- Moruka River, Guiana, xiv. 670–674
- Moscow, Geographical Exhibition at, xiv. 407
- Moseley, Prof. H. N., Notes by a Naturalist on the *Challenger*, i. 346 †; remarks on geographical appliances, viii. 124; on the scientific aspects of geographical education, viii. 198; on geology in relation to geography, ix. 146; obituary of, xiii. 730
- Mosella river, E. Africa, xii. 138
- Moser, G., Cartes des Chemins de Fer Français, i. 746

- Moser, H., À travers l'Asie Centrale, viii. 275 †
- Moshin-abad, v. 10
- Mostonas, M., on the Hadéndoas, v. 299
- Mosira, East Africa, position of, v. 551
- Moslem population of Asia Minor, vi. 313
- Mosquera, General, work on the geography of Colombia, v. 266
- Moss, F. J., through Atolls and Islands in the Great South Sea, xi. 753 †
- Mossmendes, South-West Africa, v. 458, 606, 706; Journey from, to the Cunéni, Earl of Mayo, v. 458 *; report on, Parsons, x. 448
- Mossi country, W. Africa, xii. 167
- Motagua Valley, Guatemala, v. 188
- Mother and Daughters mts., New Britain, iii. 86, ix. 3
- Mott, A. J., Notes on Easter Island, x. 610 †
- Motu language and tribe, New Guinea, xi. 526, xiv. 792
- Motuiti or Kennedy Island, Pacific, xii. 402
- Mouang La. *See* Muang.
- Mouhot, M., journey in China, v. 457
- Mouille, M. A., Sur la Géologie, etc., de l'Afrique du Sud, vii. 618 †
- Mounsey, A. H., obituary of, iv. 340
- Mountain Folds, xiv. 694; Ranges, Origin of, Reade, ix. 652 †, Reyer, xiv. 630; Upthrasts, White, x. 609 †
- Mountaineering, Dent, xiv. 809 †
- Moura, J., Le Royaume du Cambodge, iv. 573 †
- Mouret, M., Cosmographical Pendulum, v. 562
- Mourier, Capt. A., explorations off Greenland, ii. 268, vi. 570
- Mou-si-mien pass, Tibet, xiii. 340
- Moutchéto river and pass, iii. 347
- Movu river, Central Africa, xiv. 38
- Moxly, J. H. S., a West Indian Sanatorium (Barbados), x. 178 †
- Moxon, J., a Tutor to Astronomy and Geography, vii. 491 †
- Moxos, country of the, Bolivia, v. 316
- Moyano, C., A través de la Patagonia, viii. 411 †; explorations in Patagonia, ix. 384
- Mozambique—**
- Astronomical observations in, O'Neill, vii. 446
- Current off the coast of, vii. 376
- Geographical Society of, iv. 229
- Journeys in, O'Neill, iv. 46, 94, v. 482, vi. 632*, 713 *
- Map of, xii. 311
- Northern, Nakala and other Ports of, O'Neill, vii. 373 *
- On the Coast Lands and some Rivers and Ports of, O'Neill, iv. 595 *
- Pinto's expedition from, O'Neill on, vi. 744
- Portuguese possessions in, vi. 627
- Snow-clad peaks in, O'Neill on, iv. 381
- Mozufferabad, India, v. 611, 616, 619
- Mozum, Benue river, xiii. 454
- Mpala's village, new Belgian station at, vi. 88
- Mpanga river, Central Africa, xiv. 836
- Mpemba's, Lake Nyasa, i. 291, 320, viii. 83
- Mpeseni, chief and district, xii. 745
- M'Pombo (Alima), position of, ix. 189
- Mponda, chief and village, iv. 484, ix. 180, 181, xii. 722
- Mpozoz river, Central Africa, iii. 21, v. 571, 697
- Mpueta, Central Africa, xiii. 426
- Mpwapwa, E. Africa, iv. 289, v. 539, 541, vii. 453
- Mrima plain, E. Africa, i. 756
- M. S., Indian explorer, note on the discrepancies between Russian surveyors and, vi. 507 *et seq.*
- Msalu river, E. Africa, iv. 84
- Msasa, E. Africa, i. 89, 549, 550
- Msidi or Msiri, chief and town, vii. 603, 606, xi. 74, 76, xiv. 42; Sharpe's journey to, xiii. 423 *
- Msonghi mountain, East-Central Africa, v. 581
- Msoro, Central Africa, xii. 746
- Msuata station, West Africa, v. 577, 580, 703
- Mtesa, King, ambassador of, v. 428, i. 136, 187, ii. 384, 385; English missionaries, iv. 94; letter to Sir John Kirk, vi. 89; death of, v. 428, 479, 719, vii. 838; his successor, vii. 670
- Mtowa, Central Africa, iii. 221
- Mtumbwi river, Rovuma district, v. 396
- M'Turk, Mr., visit to Mount Roraima, vi. 672
- Muang La, Shan States, xiii. 712; plain of, iii. 494
- Muang Ngan, Siam, x. 127
- Muareze river, Zambesi, iv. 874
- Muaru or Wembare river, ix. 45
- Muasi, chief and country, xii. 749
- Muata Mosefo Matiamvo, chief, ix. 755
- Muata Yanvo, v. 163, 381; Buchner's journey to the, iv. 680; institutions of the, vi. 590; Portuguese expedition to the, vi. 464; *id.*, Murques, xi. 574; To the Kingdom of the Pogge, ii. 140 †
- Mucassequeres tribe, W. Africa, i. 484
- Muchena, E. Africa, iv. 418, 419
- Muddy lake, Labrador, x. 194
- Mudhol, W. India, iv. 468
- Mudzi river, E. Africa, xii. 147
- Mueller, Baron von, Select Extra-Tropical Plants, viii. 604 †; on proposed Antarctic expedition, xii. 106; on flora of Owen Stanley range, xii. 616; letter from Sir Thomas Elder to, on Australian exploration, xiii. 343
- Mueller glacier, New Zealand, vi. 59
- Muene Putu Kasongo, viii. 635
- Mugodjar mts., Russian exploration of the, xii. 39, 296
- Muhamrah. *See* Mohammera

- Muir glacier, Alaska, xi. 424, xiii. 71;
Wright's observations on, ix. 118, 283;
Studies of, Reid, xiv. 573 †
- Mukaddasi, Description of Syria, transl.
Le Strange, ix. 323 †
- Mukharji, J. F., Art Manufactures of
India, xi. 631 †
- Mukondokwa valley, E. Africa, iv. 282
- Mula pass, explorations of the, i. 59, 62
- Mulach, Caucasus, vii. 599 *note*
- Mulai Buchtah mountain, Morocco, xiii.
166
- Mulhall, M. G., Handbook of the River
Plate, vii. 488 †
- Mullah, the explorations of, in the Hima-
layas, ii. 427, 484
- Mullens, Rev. Dr. J., Missions in South
India visited and described, ix. 61 †;
on London Missionary Society's expe-
dition, i. 72; journey in Central Africa,
i. 328, 590, 707; map of Madagascar, i.
350; work on the same, i. 66, 662; re-
marks at evening meeting, i. 16, 322;
obituary of, i. 673
- Mullens harbour, New Guinea, v. 507
- Müller, Baron von. *See* Mneller.
- Müller, Capt., voyage to Jan Mayen, iv.
689
- Müller, C., Klaudion Ptolemaion Geogra-
phiké Huphégésis, v. 499 †
- Müller, D. H., Al-Hamdānī's Geographie
der Arabischen Halbinsel, vi. 685 †
- Müller, F., Unter Tungusen und Jakuten,
iv. 576 †
- Müller, F. Max, the Sacred Books of the
East, † viii. 474, ix. 260
- Müller, H. and C. Reimer, Karte von Angra
Pequena und Süd-Afrika, vi. 487
- Muller, H. P. N., Een Bezoek aan de Dela-
goa-Baai, ix. 780 †; Herinneringen uit
Afrika, x. 610 †; Zuid-Afrika, xiii.
694 †
- Müller, W., Die Umseglung Afrikas, xii.
437 †
- Müller-Beeck, F. G., Eine Reise durch
Portugal, vi. 98 †
- Müller-Simonis, P., Du Caucase au Golfe
Persique, etc., xiv. 724 †
- Mullik tribe, ix. 28
- Müllner, J., Die Bevölkerungs-Dichte
Tirols, xii. 568 †
- Mulvany, Dr., on avalanche of peat in the
Falkland Islands, i. 803
- Muminabad valley, viii. 40
- Mummery, A. F., visit to the Caucasus, x.
589; ascent of Koshtantau, xi. 351 *
- Mumoni mts. and river, xii. 132, 700
- Munboya mts., E. Africa, ii. 210
- München. *See* Munich.
- Munchique, Cerro, views from, v. 263
- Mundombes and Munhanecas tribes, S. W.
Africa, v. 460, 463
- Munfia' valley, ix. 679
- Mungala river. *See* Mongala.
- Mungo Park and the Niger, Thomson, xii.
572 †
- Mungo river, W. Africa, i. 232, iv. 585
- Munich, Geographical Society of, pro-
ceedings of, v. 239, 240, vi. 481, ix.
56; plan of, Straube, ix. 655
- Munk, Jens, Navigatio Septentrionalis, v.
680 †
- Munkamba lake, Central Africa, v. 164
- Munken island, Farøe Islands, subsidence
of, vii. 611
- Münster, Count, receives medal for Dr.
Nachtigal, iv. 432
- Muông tribe, Tonking, iv. 609
- Muraji town, W. Africa, iii. 30
- Muraviev's Journey to Khiva, 1819-20,
viii. 411 †
- Murby, T., Map of Burmah, in native
character, iv. 450; schoolroom chart
of geographical illustrations, iv. 456
- Murchison glacier and valley, New Zea-
land, vi. 59, 64
- Murchison, Sir Roderick, on the black
caith of Southern Russia, xiv. 99; on
the name of Mont Everest, viii. 177
- Mur-lar mt., ii. 538
- Murdiari, country of, v. 561
- Murdoch, Lieutenant, on the Landfall of
Columbus, xiv. 595
- Muret, Ch., relief of the Canal of Panama
(map), iii. 254; vue panoramique du
Canal de Panama, iii. 768
- Murg, tourist map of, Wäldle, ix. 787
- Murghab river, iii. 529, v. 4, vii. 282, 564,
565, viii. 720; fort on the, iv. 348, 349;
source of the, xiv. 13, 52
- Murie, Dr., remarks on Lupton and the
Bahr-el-Ghazal, vi. 254; on Junker's
explorations in Central Africa, ix. 419
- Murimotu plains, New Zealand, vii. 210,
219
- Muritupucu river, viii. 516
- Murman sea, Russian Lapland, ii. 593
note, 598
- Murphy, J., Rambles in N. W. America, i.
406 †
- Murray, Dr. J., Reports on the Scientific
Results of the *Challenger* expedition, ix.
324, 720, x. 543, 544 †; on oceanography
at the British Association, vii. 671; on
the origin and character of the Sahara,
xii. 464
- Murray, John, handbooks for travellers,
see below; obituary of, xiv. 334
- Murray, K. B., Commercial Geography, in
its relation to New Markets, etc. for
British Trade, ix. 652 †
- Murray, R. A. F., Geology of Victoria, ix.
650 †
- Murray, Rev. T. B., Pitcairn Island, vii.
832 †
- Murray-Aynslev, Mrs. J. C., Our Tour in
Southern India, v. 368 †
- Murray's Handbooks for travellers †—
Bombay presidency, iii. 247; Denmark,
v. 564; Derbyshire, Nottinghamshire,
Leicestershire, and Staffordshire, xiv.
866; Devonshire, ix. 648; Egypt, x.
877, xiv. 62; England and Wales, xii.
243; English lakes, xii. 180; Essex,

Murray's Handbooks—continued—

- Suffolk, Norfolk, and Cambridge-shire, xiv. 501; Germany, xiv. 501; Austria, xiv. 212, xii. 568; Gloucestershire, Worcestershire, etc., viii. 212; Holland and Friesland, xiv. 501; India and Ceylon, xiv. 501; North, xii. 180, Northern, xiv. 50, Southern, and Sicily, viii. 212, xii. 568; Japan, xiii. 738; Kent, xiv. 866; Lincolnshire, xii. 568; Mediterranean, xii. 244; Norway, xiv. 568; Portugal, ix. 648; Riviera, xii. 181; Rome and Environs, viii. 212, x. 47; Spain, xiv. 501; Surrey, Hampshire, and Isle of Wight, x. 539; Sussex, viii. 212; Sweden, viii. 212; Switzerland and Alps of Savoy, i. 537, ix. 130, xiv. 59; Syria and Palestine, xiv. 197; Wales, North, viii. 212, South, xii. 180
- Mursoudé tribe, South Somali country, v. 717
- Murura, island of, vii. 183
- Mur-ussu or Maurus river, Tibet, vii. 70, ix. 225
- Murut tribe, North Borneo, x. 12, 13, 15
- Musart pass, Thian Shan range, ix. 425
- Musgrave, Mount, Owen Stanley range, height of, xi. 606; height and natives of, xii. 201 *et seq.*, 562
- Musgrave ranges, Australia, xiv. 181; Jones on the, iv. 549
- Musha island, purchase of, vii. 105
- Mushirongo tribe, West Africa, v. 694, 706
- Mushketof, J. V., geological explorations in the Alai and Pamir, i. 125; journey in Central Asia, i. 356; on the minerals of Kuldja, ii. 498; ascent of the Zarafshan glacier, ii. 765, iii. 113; Turkestan, viii. 352 †; Carte Géologique du Turkestan Russe, viii. 541; Earthquakes, their character, etc., xiii. 188 †
- Mushur pass, height of, vii. 598
- Musi river, Sumatra, i. 773
- Musschenbroek, S. Van, Kaart met Toelichting van de Bocht van Tomini of Gorontalo †, i. 810, 816
- Mussuca, Congo, station at, iii. 362
- Mustag-ata mountains, Bogdanovich's explorations of, xii. 38
- Mustagh glacier, Central Asia, x. 508, 509; pass, x. 506, 508, 509, 516; range, v. 611, xiv. 212, 214
- Musters, Commander G. C., obituary of, i. 397
- Musur tribe, Shan states, xiii. 705
- Mutandi tribe, xii. 348, 349
- Mutangwa river, E. Africa, xii. 147
- Mutiki river, Africa, v. 268
- Mutton-bird Island, Bishop of Tasmania, xiv. 808 †
- Mutum village, Brazil, x. 75
- Museas of Colombia, v. 266
- Muzart pass, Central Asia, ii. 494; valley, xii. 86
- Muz river, Central Asia, xii. 422
- Mvudzi river, viii. 78
- Mwambezi river, Central Africa, xiv. 40
- Mwanga, King, of Uganda, vii. 670, xiii. 205
- Mweali, W. Africa, i. 229
- Mwembe, E. Africa, iv. 480, vi. 519–523
- Mwemba's valley, Stewart's station in, v. 200
- Mwendapezi tribe, viii. 78
- Mwenewungu's village, Central Africa, xiii. 95
- Mwerango river, Central Africa, xiv. 239
- Mwera tribe, E. Africa, ii. 339
- Mwero lake, vii. 335, 603, xiii. 426, 427, xiv. 38, 39, 40, 45
- Mwifji-Wufji, chief, xii. 732
- Mworongo, Usambara, i. 85
- Myawaddy, Burma, viii. 5
- Myit-gney river, tributary of Irawadi, iv. 562, vii. 301, xiii. 401
- Mykenai, Karten von, Hauptmann, vi. 303
- Myshenkof, M., expedition in Eastern Bokhara, ix. 433
- Mysore, plateau, vii. 123, viii. 682; survey of, iv. 341
- Myvrian Archaeology, De Costa, xiii. 242 †
- Mzabite tribe, Algeria, iv. 360

N

- Nalaret lake district, Kebbi river, xiii. 473
- Nabert, Prof. Dr. H., Karte der Verbreitung der Deutschen in Europa, xiii. 444
- Nacher, J., Land und Leute in Bahia, iv. 444 †
- Nachtigal, Dr. G., Sahara and Sudan †, i. 610, iv. 121, xi. 571; Founder's medal awarded to, iv. 431; mission to Western Africa, vi. 283; obituary of, vii. 466; Erinnerungen an, by Dorothea Berlin, ix. 651 †
- Nada or Laughlan islands, MacGregor's visit to, xiii. 177
- Nadali fort, Afghanistan, vii. 163
- Nadarof, Lieut-Colonel I., survey of the Northern Ussuri country, x. 181, 182; the Southern Ussurian District, xiii. 52 †
- Nadsur and Karsambla. Caves at, Account of, Cousens, xiv. 838 †
- Naga hills, v. 617, 620, 624, ix. 40; tribe, ix. 24, xi. 90, 91
- Nagar, Kashmir, xiv. 768
- Nagar Malnād, Western Ghāts, vii. 725
- Nagchu (Yalung) river, Tibet, vii. 74
- Nagenan, Persia, xii. 593
- Naghun Chain, S. W. Persia, xii. 537, 551
- Nagpore, railway from, to Calcutta, viii. 692
- Naiband village and hill, viii. 143, 144
- Naichi pass and valley, ix. 742, 743, 746

- Nain Singh, Pundit, Indian survey explorer, vii. 65, 79, 312; his journey in Great Tibet, v. 384, 664, 665; obituary of, iv. 315
- Naivasha lake, East Africa, v. 604, 719, vi. 44, 80, 399, 703, xiii. 195
- Nak'al Teir, Egypt, ix. 608
- Nakala harbour, v. 120, 431, 450; O'N., v. 120, 431*
- Nak-chu-ka river, Tibet, v. 664, 665
- Nak-chu village. *See* Napchu.
- Nakra-Neskra pass, Caucasus, xi. 672
- Nalivkine, V. P., *Histoire du Khanat de Khokand*, xi. 631†
- Naltshik, Caucasus, xii. 258
- Namaland, Schenck's explorations in, xi. 183, 184
- Namaramba, Lake, Journey to, Hetherwick, x. 25*. *See* Amaramba.
- Namau district, New Guinea, ix. 76-80
- Nam-dinh, town of, viii. 223
- Namelong pass, Turkistan, xiv. 781
- Names and Places, Whitney, x. 18†
- Namfukadza's town, S. Africa, xii. 347
- Namieb plain, S. W. Africa, ix. 511
- Nam Kiu or Ma-lika river, vii. 310, xii. 555
- Namohan pass, Tibet, vii. 72
- Namsangyang, Upper Burma, xiv. 168
- Namtitari range, Makua country, iv. 194
- Namuli hills, E. Africa, iv. 204, 211, v. 719, vi. 153, 638, 641, 642, 727, 729, vii. 159, 437, 664, 666, ix. 472; Last's Explorations of, ix. 42, 188, 467*, xii. 224
- Namur, plan of, Kips, xii. 308
- Namürola, longitude of, E. Africa, vi. 636
- Nam-Yang, harbour, v. 274, 275
- Naney, plan of, Roussel, i. 746
- Nanda Devi, Himalayas, v. 604; Graham's ascent of, vi. 435, 436
- Nangadi lake, Africa, v. 396
- Nanga Parbat, mount, v. 615, 623, xiii. 408
- Naugnahr district, i. 43
- Nang-ning town, Southern China, xiii. 254, 255
- Nannortalik, Greenland, vi. 538, 539, vii. 386
- Nanomea or St. Augustine island, xii. 402
- Nansen, Dr. F., expedition across Greenland, x. 240, 417, 591, 791, xi. 374, 412, 435, 469*; on his proposed expedition to North Pole, xii. 177; Plan til en ny polar ekspedition, xii. 306†; proposed Arctic expedition, xii. 467, 566; scientific results of journey across Greenland, xiii. 43; the First Crossing of Greenland xiii. 55†; award of Patron's medal to, xiii. 294
- Nan-sha or South Cape, Formosa, vii. 14
- Nau-shan or Kuen Lun range and district, vii. 168, ix. 218, 219, xii. 71, 74
- Nantes, commercial geographical society of, viii. 472; geographical exhibition at, viii. 270
- Nanusa islands, Dutch East Indies, Von Högendorp's exploration of the, x. 453
- Naoro Nyuma river, New Guinea, xii. 560
- Napchu village, Tibet, ix. 227
- Napier, Capt., on the road to Merv, i. 181, 182; surveys of the sea-board of China, i. 370; positions of places in Hainan and the Gulf of Tongking, i. 456
- Napier of Magdala, Lord, on the exhibition of photographic appliances, viii. 54; on the exhibition, xii. 170
- Napier range, North-West Australia, v. 722
- Naples, topography, etc., of, Beloch, i. 282†
- Narat mountains and pass, Kuldja, ii. 492, xii. 98
- Naratu fort, Afghanistan, vii. 608
- Narborough island, xiv. 314
- Narcondam island, survey of, x. 32
- Nares, Capt. Sir G., survey work of, i. 369; Arctic voyage of, iii. 678; report on the project for the relief of Greely, vi. 221; remarks at evening meetings, ii. 38, iii. 146, iv. 53, v. 224, viii. 172
- Narghiz, Lake, Southern Persia, v. 129, 142
- Nari gorge, ii. 533, 534
- Narvaez, Panphilo de, explorations in N. America, xii. 292
- Nascopee, Fort, Labrador, x. 192
- Nash lake, Australia, Lindsay's journey to, xi. 652 *et seq.*
- Nassarawa district, Emir of, xiii. 455
- Nassau, H.M.S., survey work of, i. 370
- Nassiri Khosrau, Voyage en Syrie, Palestine, etc., Schefer, iv. 120†
- Nata river, Central Africa, ii. 180, vi. 27, 154
- Natal—
Area and population of, iii. 3, vi. 626
Boundary between Zululand and, i. 324
Bush Life in, Feilden, ix. 206†
Official Handbook of, viii. 538†
Our Colony of, Peace, v. 745†
Précis of information concerning, i. 812
Sketch map of, i. 816
- Natiaka village, East Africa, v. 398
- Nathian Sikasso mount, W. Africa, xii. 168
- National Biography, Dictionary of, edit. Stephen and Lee†, xii. 184, 642, xiv. 730
- National Surveys, Report of Venice Congress, viii. 803
- Native names of places, system of Orthography for, vii. 535*, xiv. 47, 116*
- Native surveyors, utility of, xiii. 605
- Natowdja river, North America, v. 646
- Nature, the Realm of, Mill, xiv. 506†
- Naukratis, Nile Delta, rise of land at, xi. 647
- Naumann, Dr. E., *Bau und Entstehung der Japanischen Inseln*, viii. 128†; the Physical Geography of Japan, etc., ix. 86*; Die Erscheinungen des Erdmagnetismus in ihrer Abhängigkeit vom Bau der Erdrinde, ix. 652†; Zur Geologie und Paläontologie von Japan, xii. 637†; Die Japanische Inselwelt, ix. 587†

- Nauri, Mount, W. Africa, xii. 168
 Nauritz-abâd, Persian fort of, v. 5
 Naval officers, prize medals to, etc., Ryder on, iii. 106
 Navez, Louis, De l'influence des Formations Géologiques en Belgique, ix. 711 †
 Navigatio Septentrionalis, Jens Munk, v. 680 †
 Navigation and Nautical Astronomy, Epitome of, Norie, xi. 397 †; Liverpool school of, xiv. 407, 408; teaching of, Markham on, iv. 296 *, Aberdare on, iv. 330; report of committee on, iv. 313
 Nazarov, M. See Polianovsky.
 Nbadua, E. Africa, iv. 205
 Ndap luk mountain, East Africa, iv. 547
 Ndara mount, journey to, Gissing, vi. 551; Thomson's march from, to Turo, v. 550
 Ndima hills, E. Africa, vii. 654, 655
 Ndogo lagoon, West Africa, x. 37
 N'doruma, chief and settlement, iii. 303, 305, ix. 288, 289, 401, 402, 404
 Neate, Charles, on the exploration of the Rio Dôce, x. 84
 Nebout, A., La Mission Crampel, xiv. 727 †
 Nebout, M. C., on the Crampel expedition, xiv. 241
 Nebraska, population of, xiii. 113; Rand, McNally and Co's map of, xii. 56
 Nechi river, Colombia, v. 253
 Neckar river, old windings of the, Sauer, xiv. 867 †
 Needham, J. F., expedition to the Upper Brahmaputra, viii. 99, 265; Excursion in the Abor Hills, viii. 313 †; corroboration of Wilcox and the Pandit on the Lohit river, ix. 360, 367; Gill memorial awarded to, ix. 311, 454; exploration between Assam and Upper Burma, x. 95, 377; the Dihong river, xi. 440; journey into the Hukong valley, xiv. 405
 Nefud, sand desert of Arabia, ii. 94
 Negro, Rio, Amazon basin, Wallace's travels on, xii. 248 †
 Negro, Rio, Bolivia, v. 328
 Negro, Rio, Patagonia, ascent of, O'Connor's, iii. 593; Campaign of the, documents relating to, Olascoaga, iv. 445 †; Scientific results of, Doering, iv. 445 †, vi. 102 †; General Studies of the Limay and Albarracin, viii. 406 †; Topography of the Pampa of, Olascoaga, iii. 505 †
 Negro, Rio, Uruguay, ii. 679
 Negua river, Colombia, gold in the, v. 251
 Neilsen-Lund, Rev. J., journeys in Madagascar, xiv. 733
 Neis, Dr., explorations in Indo-China, iii. 242, 368, 438, v. 429, vi. 159, 350, vii. 52, 549; award of Paris Society's medal to, vii. 251, 547; journey in China, ix. 127
 Nejd, journeys to, Blunt, ii. 81; Doughty, vi. 382 †; Pilgrimage to, Lady Anne Blunt, vi. 382 †
 Nell, Dr. A. M., Karte von Asien, vii. 623
 Nell, L., topographical and township map of Colorado, ii. 464, 718; White river Indian reservation, ii. 464
 Nelson, E. W., in Alaska, iv. 91; Journey in the Delta of the Yukon, iv. 660 *
 Nelson, W., Five Years at Panama, xiii. 240 †
 Nelson river, Hudson's bay, iii. 579; depth of frozen soil in the bed of, ix. 769
 Nemrud Dagh, tomb of Antiochus I. on, x. 103
 Neo Paphos, Cyprus, 105
 Nepal, Himalayas of, v. 616; surveys in, xiii. 413; *id.*, of M. H., x. 89 †; East, profiles of the ranges of, xiii. 108
 Nepoko river, v. 35, ix. 291
 Neptune expedition for relief of Greely, iv. 690; voyage to Hudson's bay, x. 558
 Nerbudda river, viii. 683, 684
 Neris, Lake, Persia, v. 129; journey round, Wells, v. 138; town of, v. 141
 Nery, F. J. de Santa-Anna, La Place de Para, xiii. 244 †
 Nessi, E., Carta Stradale ed Alpina Dell' Alta Lombardia, x. 400 †
 Netherlands, atlas of the possessions of, vii. 271, viii. 415; geographical periodical, i. 797; Society, proceedings of, i. 146, 603, ii. 198; maps of—Dornseiffen, xi. 520; De Geest, x. 673; Nomina Geographica Neerlandica, Dornseiffen and others, vii. 553 †
 Netrávati river, S. India, vii. 731
 Neufville, Capt., on the River Sri Lohit, vii. 322
 Neumann, Dr. C., and Dr. J. Purtsch, Physikalische Geographie von Griechenland, vii. 257 †
 Neumann, Dr. L., Orometrie des Schwarzwaldes, ix. 129 †
 Neumann, Gustav, Geographical Lexicon of the German Kingdom, v. 498 †
 Neumann, Prof., on the Pass of Hannibal, viii. 642
 Neunayer, Dr. G., on scientific research in the Polar regions, i. 739; Anleitung zu Wissenschaftlichen Beobachtungen auf Reisen, x. 607 †; remarks on scientific research in the Polar regions, i. 739
 Neuquen river, iii. 593; Hot's plan of military operations near the, ii. 389
 Neusiedler lake, projected drainage of the, xiv. 408
 Neuville, D., and Ch. Bréard, Les Voyages de Savorgnan de Brazza, vi. 301 †
 Neuwied, Prince von, explorations of Rio Dôce, x. 66
 Nevado de Toluca peak, height of, xii. 754
 New Fragments, Tyndall, xiv. 315 †
 New, Mr., journey in Usambara, i. 82; exploration of the Tana, x. 351
 New river, Colorado basin, xiv. 30

New Britain (and neighbouring islands)—

- And its volcanoes, v. 505, 511
- Explorations in, Finsch, iii. 180, 572;
Von Schleinitz, x. 303
- Islands and natives of, viii. 551, 552,
xii. 696
- Six years' explorations in, Powell, ii.
645; Observations on, *id.*, iii. 84 *
- The Islands of, Romilly, ix. 1 *
- Wanderings in a Wild Country, Powell,
v. 433 †

New Brunswick—

- As a Home for the Farmer Emigrant,
viii. 538 †
- Geological map of, iii. 701
- Map of, Loggie, viii. 64
- Northern, Ellis's report on, iv. 517 †
- Southern, surface geology of (map), xiv.
816

New Caledonia—

- Collections from, Leques, v. 236
- French Colony in, Lemire, i. 223 †
- Garnier's explorations in, i. 74
- Map of, Lemire, i. 157
- Souvenirs of, Rivière, ii. 462 †

New Colorado and the Santa Fé Trail,

- Hayes, iii. 62 †

New England, rivers of, Shaler, ix. 247;

- States, Raud, McNally & Co.'s map of,
xii. 56

New Georgia island, Solomon Islands, xii.

- 394; cannibalism and head-hunting at,
x. 374, 375

New Granada. See Colombia.**New Guinea—**

- A Few Months in, Stone, i. 743 †
- Among the Cannibals of, McFarlane,
x. 478 †
- Annexation of part of, vi. 665
- Area of, v. 515, vi. 196
- Augusta river and Huon gulf, Bonaparte,
xi. 319 †
- British (*see also* South-Eastern), Burns,
Philp & Co., ix. 322 †; as a Colony,
Forbes, xiv. 662 †; map of, xiv. 581;
Protectorate of, Account of Establishment of, Lyne, viii. 130 †; Reports
on, viii. 596, xii. 250 †
- Climate of, ix. 85, xii. 694, 695
- Condition of natives, trade, and nomenclature of, xii. 696, 697
- Coral reefs, upraised, off, MacGregor on,
xiv. 415
- Correspondence concerning, ix. 136 †,
xii. 250
- Discoveries, first, of, vi. 196
- Dutch, and the Papuans, Haga, xiv.
575 †; journeys in, Ellis, ix. 38; Van
der Aa (1871-76), i. 813 †
- Dutch settlements in, v. 516
- Explorations in, iii. 395, ix. 245; Bedford,
xiii. 229, 430; Bevan, ix. 576,
595 *, x. 606, xi. 82 *; Chalmers, i.
67, ii. 315, iii. 226, vi. 156, 216, 372;
colonial, v. 656; Comppe, x. 248;
Cuthbertson, ix. 508, 758; D'Albertis,
i. 4 *; Dutch, ii. 190; Bonaparte on,

New Guinea—continued—

- vii. 408 †; Everill (Australian Geographical Society), vii. 383, 669, viii.
101, 433, 732, (report), viii. 673;
Finsch, vi. 38, vii. 670; Forbes, vii.
388, 669, 674, viii. 48, 268, 332, 524,
645; Italian, Giglioli on, i. 732;
Lawes, v. 355; MacGregor, xi. 504,
xii. 352, xiv. 414, 863; Melver (proposed),
vi. 537, 578; Melbourne *Age*
and *Argus*, vi. 37, 87, 217, 372, 537;
Miklukho-Maclay, iv. 768, 769; Braam
Morris, vii. 253; Morrison, vi. 87;
Pfeil, x. 591; Powell, vi. 36, 219,
372; Raffray, i. 276; Strahan, viii.
333; summaries of, ix. 344, x. 415,
416, xi. 412, xii. 381, xiii. 395
- Fly river, navigation of, MacGregor,
xii. 352
- From my Verandah in, Romilly, xi. 516 †
- Geographical progress in, viii. 433
- Geography, physical, of, Trotter on, v.
670
- Geological structure of, vi. 208
- German, xii. 694; explorations in, Hellwig,
xi. 607; Hollrung, viii. 101, 269,
719, x. 34, 600; Von Schleinitz, x. 33,
34, xi. 607, (Augusta river), ix. 120,
(coast), ix. 309; Schrader, viii. 101, 269,
719, ix. 120, x. 33, 34, 241; Zöller, xi.
177; meteorology of, Supan on, xiii.
176; new names in, vii. 244; visit to,
Dickson, viii. 332; Work on, Zöller,
xiii. 637 †
- Kemp-Welsh river in, description of,
Beswick, ii. 511
- London Missionary Society's station in,
v. 507
- Mai Kassa or Baxter river, Hall's exploration of, x. 708
- Map of, vii. 414; Johnston's, *ib.*
- Moonsoon periods in, xi. 83
- Natives of, vi. 209, viii. 562; manners
and customs of, ix. 81, 82, 85, 86
- North-Eastern Coasts of, Visits to,
Powell, v. 505 *
- Notes on, and its Inhabitants, Lawes, ii.
602 *
- Notes on recent explorations in, Trotter,
xii. 687 *, xiv. 788 *
- Owen Stanley range in, ascent of, Hartmann and Hunter, ix. 621, 767; MacGregor, xii. 193, (scientific results),
616; expedition to, Victorian Government's, ix. 305
- Partition of, British and German, vii.
461
- Pioneering in, Chalmers, ix. 394
- Races of, diversity of, ii. 606, 607
- Rivers, Discovery of two new, Bevan,
ix. 576, 595 *
- Scenery of, viii. 562
- South-Eastern, Explorations in, Chalmers, ix. 71 *; Lawes, iv. 160, vi. 216;
MacGregor, xi. 504
- Stations at Hatzfeldt and Constantine
harbours, vii. 719

New Guinea—continued—

- St. Joseph's river in, discovery of, x. 33, 248
 Summary of Present Knowledge of, Trotter, vi. 196 *
 Two Years Among the Savages of, Pitcairn, xiii. 637 †
 Vegetation of, Warburg on, xiv. 244
 Visit to, Bridge, viii. 545 *
 Voyages to, Recent, Bonaparte, vii. 482 †
 Work and Adventure in, Chalmers and Gill, vii. 408 †
 Work on, D'Albertis, ii. 783 †
 New Hanover island, ix. 6-8; Brown's visit to, iii. 220
 New Hebrides islands and natives, iv. 249, viii. 546-549; photographs of, Lindt, xiii. 448; Work on, Imhaus, xii. 438 †
 New Ireland, iii. 86, ix. 6-8; colonization of, ii. 370; journey along the coasts of, Brown, iii. 213; physical features and people of, xii. 228
 New Jersey, Geographical Development of Northern, Davis and Wood, xii. 708 †
 New Nicolaiefsk, Hot Springs near, Lühdorf, iv. 574 †
 New Pomerania, map of shores of, Von Hagenow, x. 673
 New Scotland, the Royal Province of, Duncan, i. 284 †
 New Siberian islands, expedition to, Bunge and Von Toll, vii. 669, viii. 393, ix. 51, 117, 577, x. 248, 249, 414; map of, x. 186
 New South Wales—
 Blue mountains of, tourists' map of, Du Faur, i. 480
 Catalogue of Exhibits in Colonial Exhibition, viii. 539 †
 Directory, Official Post-office, etc., i. 223 †
 Maps of—Government, v. 310; Rowley, x. 186; Stanford, ix. 65
 Meteorological Observations in, Results of Russell †, ix. 718, xi. 320, xii. 251
 Mines, Report of Department of, 1886, x. 479 †
 Pearl-shell trade of, v. 506
 Progress and Resources of, viii. 538 †
 Railway Guide for, xi. 60 †
 Rainfall, distribution of, Russell on, i. 520; map of, *id.*, vi. 176
 Statistical Register of, 1887, xi. 60 †
 Survey, Geographical, of, x. 110
 Wealth and Progress of, Coghlan, x. 398 †
 New World, Geography of, Pérez, xi. 189 †
 Travelling Naturalists in the, xiv. 873 †
 New York, Geographical exhibition at, xii. 755; pocket map, etc., of, Rand, McNally & Co., xii. 573; Report of Commission on the Boundary between Pennsylvania and, ix. 781 †; state survey, work of the, i. 596
New Zealand—
 Alps of—Explorations in, Green, iv. 379, vi. 57 *; Lendenfeld, xi. 251; map of, Lendenfeld, vi. 614; The High, Green, vi. 104 †; with Axt and Rope in, Maunering, xiii. 741 †

New Zealand—continued—

- Aureoretanga, Groans of the Maori's, xi. 60 †
 Earthquakes in, Hogben on, xiv. 563
 Fact and Fancy in, Cowan, viii. 478 †
 For the Emigrant, Invalid, and Tourist, Moore, xiii. 186 *
 Geology of, vi. 64, 66; of Canterbury and Westland, von Haast, ii. 72 †; Geological exhibits at the Colonial Exhibition, Catalogue and Guide to, viii. 539 †; Reports of Explorations †, x. 479, xiv. 720
 Guide to, Brett's Handy, xiii. 241
 Handbook of, Hector †, vi. 105, viii. 539
 History of, Gisborne, xi. 190 †; *id.*, early, Sherron and Wallace, xiv. 575 †
 Hot Springs of, and of Iceland, Peck, v. 667
 Industrial exhibition, 1885, official record, ix. 523
 Institute of, Transactions of, ix. 719 †, xi. 515
 King Country of, Explorations in, Kerry-Nicholls, vi. 484 †, vii. 201 *
 Lone Lands of, Carrick, xiv. 574 †
 Macquarie Harbour, Track to, Frodsham, i. 223 †
 Maps of—xiv. 481; Hector, v. 570; S.P.C.K., ii. 336, 719
 Mining Industry of, Reports on, x. 479 †
 Population of, ix. 758
 Recollections of Travel in, Crawford, ii. 462 †
 Resources and Prospects of, Bathgate, ii. 462 †
 Road from Marlborough to Pieman River, Counsel, i. 223 †
 Round about, Payton, xi. 60 †
 Southend estates, etc., plan of, Connell and Mudie, i. 614
 Statistics of, Reports on †, v. 479, xiii. 242
 Survey Department, Report of, McKerrow, vii. 127 †
 Volcanic eruption in, results of, viii. 782
 Volcano, submarine, off C. Colville, Hayward on, iii. 672
 Waitomo caves in, Humphries on, xi. 736
 Newall, Major-General D. J. F., the Highlands of India, iv. 576, ix. 713
 Newastrand nach Samarkand, Proskowetz, xii. 52 †
 Newcastle-on-Tyne, fraternity of the Blessed Trinity at, nautical school of, iv. 300
Newfoundland—
 Agricultural capabilities of, Harvey on, x. 457
 Climate of, x. 204
 Explorations in Labrador and, Lucas, xiv. 572 †
 Geography of, Pilot, xiv. 63 †
 Resources of, Dashwood on, x. 652
 Sport, etc., in, Kennedy, vii. 557 †
 Strait between Cape Breton Island, name for, viii. 101

Newfoundland—continued—

- Surveys off coasts of, ii. 420, iv. 553, v. 594
 The oldest British Colony, etc., Hatton and Harvey, v. 241 †
 Newland, S., the Far North Country, x. 543 †
 Newman, Mr., on the state of wheat-culture in Chile, x. 796
 Neyrat, A. S., L'Athos, ii. 521 †
 Neza-tash, xiv. 13
 Ngala river, viii. 630, ix. 298; Baert's exploration of, xi. 344; Werner on, xi. 342 *
 Ngambo village and river, E. Africa, i. 550, iv. 195, v. 482
 Ngami, Lake, ii. 172, 173, vi. 27, 28, 29, viii. 445, 649, ix. 244; journeys in the region of, Buckle, xiii. 632; Von François, xiv. 339
 N'Ganchu, position of, ix. 189
 Nganda, latitude of, vi. 743
 Nga-Nkabe, queen of the Ba-buma, vii. 356
 Ngan-shun Fu, China, i. 498
 Ngan-si-fu, Central Asia, xii. 75
 Ngao, W. Africa, xiv. 515
 Ngare na Erobi, East Africa, v. 478, 547, 548, 549
 Ngare na Nyuki Plain, East Africa, v. 548
 Nghe-anh province, viii. 219
 Ngiri plain and river, E. Africa, vi. 698, 699, xi. 330, 343
 N'goko river, West Africa, xiii. 38
 Ngoma, Falls of, West Africa, v. 573, 699
 Ngoma Peak, Lake Nyasa, i. 306
 Ngomani, xii. 134
 Ngomano, ix. 468
 Ngombe, vii. 362, 363, xi. 328
 Ngombere river, Central Africa, xii. 176, 313
 Nguroni, E. Africa, routes to, iv. 736
 Ngusa people. *See* Lolo.
 Ngová language, West Africa, x. 37
 Nguni district, E. Africa, iv. 749
 Nguru country and hills, v. 541, 542, vii. 433; journey into, East, iv. 148 *
 Nguruman country, E. Africa, vi. 70, 80
 Ngusa, Algeria, iv. 362
 Ngururur river, Central Africa, xii. 154
 Ngururur, Central Africa, xiii. 269
 Niv Oasis, xii. 813
 Niadi. *See* Kwilu.
 Niagara Falls, special map of, and environs, Deichmann, viii. 64
 Niamkolo station, Lake Tanganyika, xii. 738
 Niam Niam country, Junker's journey in, iii. 301; tribes and river, ix. 295, 296, 406, xi. 679
 Nias, Island of, voyage to, Modigliani, xii. 245 †
 Nicaragua route of the inter-oceanic canal, ii. 138

- Nicaragua, Canal of, ii. 138; chart of the world, showing distances saved by, x. 747; maps of, ix. 464, xi. 522; photographs of, Gledhill, xiii. 699; the case of, under the treaty of Guatemala, 1886, vi. 317 †
 Nicholl, Mr., on the aboriginal tribes of Western China, ii. 702
 Nicholls, Dr. A. Alford, on Dominica and its Boiling Lake, i. 521
 Nichols, R. C., obituary of, xiv. 477
 Nicholson, J., Establishment of the Fate-mite Dynasty in Africa, xii. 366 †
 Nicobar islands, surveys of, viii. 719, x. 722; *See* A. to, edit. Svoboda, x. 738 †
 Nicobareso Language, Dictionary of the Nancoury Dialect of, Do Roepstorff, vi. 355 †
 Nicolsky. *See* Nikolsky.
 Nicosia, Cyprus, i. 99, xi. 715
 Nidshe village, Caucasus, xiii. 327
 Niederlein, Herr G., description of the Victoria Falls of the Curitiba, vi. 744
 Nielsen, Dr. Yngvar, Round Norway from Tistedalen to Jokolselven, v. 241 †
 Niemann, G., and O. Beundorf, Reisen in Lykien und Karien, etc., vii. 195 †
 Nietmann, W., Verkehrs- und Eisenbahn-Atlas der Oesterreichisch-Ungarischen Monarchie, ix. 526
 Niger, voyage of the French gunboat, to Timbuktu, x. 164
Niger River and Basin—
 Central, explorations in: Binger, xi. 176, xii. 166; Krause, ix. 510; Monteil, xiii. 560
 Delta of, Johnston on, x. 749 *
 Explorations in—v. 551, xiii. 394; Church Missionary Society, ii. 124; Flegel, iii. 371, iv. 106, vi. 662; map of his routes, vi. 61; Monteil, xiii. 560, xiv. 859; Wolff, xiii. 45
 Fixed points on the, Monteil, xiv. 240
 From the Atlantic to the, Vic. de Sanderval, iv. 182 †
 From the, to the Gulf of Guinea, Binger, xiv. 260 †
 Journey from, to the Congo, Mizon, xiv. 558
 Journeys up—Mattei, v. 43; Milum, iii. 26 *
 Map of, Faidherbe, etc., vi. 361
 Narrative of Macdonald's mission to, Ferryman, xiv. 807 †
 Protectorate of the, vii. 457
 Records of the Riebeck expedition to, Krause, vi. 425, 685 †
 Regions of the Benue and — Flegel's letters on, xii. 437 †; photographs of, Ferryman, xii. 372
 Routes to the, from Lagos and Yoruba, x. 629, 630
 Sketches of the, and Central Soudan, Thomson, viii. 734

Nigar River and Basin—continued—

- Sources of the—Duveyrier on, iii. 52, 53; journey to, Zweifel and Moustier, i. 786, ii. 41, 66, 68, (map), ii. 527
Trade on the, xiii. 451
Trip up the, Burdo, i. 811, ii. 782
To: Davoust, viii. 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Nile River and Basin—continued—

- Navigation and explorations of, ix. 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

- Nkyene or Nkië river. See Mikenye.
- N'Koude plain, Central Africa, xiii. 86
- Nkongi Aloe, E. Africa, xiv. 820
- Nkonya district, viii. 253
- Nkundja, Mobangi river, viii. 777, ix. 189, x. 326
- N'mai Kha river, xiv. 162, 171, 172. See also Meli-kha.
- Noánana tribe, San Juan valley, v. 255
- Noble, J., History, etc., of the Cape of Good Hope, 1795
- Noë, Dr. F., *Revue des Alpes*, x. 126
- Noghai settlement in Asia Minor, vi. 314
- Noirot, E., A travers le Fouta-Djallon et le Bamboue, vii. 55†
- Nokki, Lower Congo, position of, xiii. 36
- Nonuka-eki island, S. Pacific, xii. 160
- Nongkhai, town of, Siam, x. 124
- Nong-tang lake, Siam, x. 126
- Nongyong lake and river, ix. 36, 41
- Norbottens Län, Karta öfver, xi. 465
- Nordeck, de. See Coffinières de N.
- Norden, Dr. Magnus Roth (map), vi. 611
- Nordenskiöld, Baron A. E., expedition by N.E. passage, i. 3, 17, 21, 208, 364, 384, 668, 706, 754, 799; expeditions for the relief of, i. 331, 342; reception in Japan, i. 792; account of the wintering of the *Vega*, i. 799, ii. 53; his Arctic voyages, 1858-79, i. 743†; medal presented to, by Tokio Geographical Society, ii. 51; on equipment for the Arctic winter, ii. 59; on the possibility of regular navigation in the Polar Sea, ii. 61, 62, 202†; reception in England, ii. 246, 310; in Paris, ii. 320; collections made during his voyage, ii. 266; exhibition of the same, ii. 509; *Lettres racontant la découverte du Passage N.E.*, ii. 326†; *Sa vie et ses voyages*, Flahault, ii. 326†; Lord Northbrook on, ii. 404, 405; elected hon. corresponding member of R.G.S., ii. 447; the Voyage of the *Vega*, transl. Leslie, iv. 64, 122†; abridgment by Hovgaard, iv. 248†; Scientific results†, iv. 446, v. 625, vi. 172, x. 52; his wintering in Spitzbergen, 1872-73, v. 209; expedition to Greenland, v. 145, 231, 363, 453, 602, 733, vi. 19; on the *Diplomata* and *Tarua* expeditions, v. 176; on Mr. Leigh Smith, v. 222; on the travels of the Zuni, v. 372†; ancient map discovered by, in Iceland, v. 473, 556; his various voyages, v. 563; on the brilliant sunsets caused by cosmic dust, vi. 166; on the name of Cape Thorsd., vi. 541; *Memoirs on Arctic Expeditions*, v. 262†; on the original Eskimo, vii. 402; Grönland, viii. 673†; copy of old map of Northern Asia, x. 258; La seconde Expedition Suédoise au Grönland, transl. Rabot, x. 542†; work on African maps, x. 589; on the inland ice of Greenland, xi. 479; on proposed Antarctic expedition, xii. 166; facsimile atlas of ancient maps, xii. 126
- Nordenskiöld, G., expedition to Spitzbergen, xii. 752
- Nordenskiöld, the, ii. 127, 404, 653, v. 97, 176, 406, 555, 604, 661, ix. 683; loss of, i. 706
- Nordhaf, J. B. Hans, Hof, Mark und Gemeinde Nordwestfalens, im historische Ueberblicke, xi. 631†
- Nordqvist, Lieut., Arctic journey of, ii. 56; on the true name of the Chukches, iii. 365
- Norie, J. W., epitome of Practical Navigation and Nautical Astronomy, xi. 397†
- Norman, C. B., Colonial France, viii. 803†
- Norman, H., the Real Japan, xiv. 131†
- Norman, Sir Henry, remarks on Lessar's journey in Central Asia, v. 21
- Normanby island, v. 508, 509, xi. 534, 535
- Noros, seaman of the *Jeanette* expedition, letter from, iv. 291
- Norse colony, ancient, in Greenland, v. 160; of East Bygd, Minor on, v. 294
- North, M., Recollections of a Happy Life, xiv. 811†
- North Cape of Iceland, Thoroddsen's journey to, x. 306
- North East Passage, Sibriakoff's new expedition for, ii. 127; Temple on, ii. 653. See Nordenskiöld.
- North Pole, Expedition to, American, Bessels, i. 743†; Cheyno's proposed, ii. 759; History of Voyages to the, Von Hellwald, iii. 116†; French translation, iv. 192†; Voyages and Discoveries to the, Diego, i. 409†
- North Sea—
- Analyses of water of the, Gibson, xiv. 628
- Coasts of the, sketch-map of, Halenbeck, v. 683
- Currents in the, xiv. 409; Mohn on, vii. 616†
- Depths of, map showing, ii. 714, 715
- Level of, viii. 23
- Results of the Researches of the *Drache* in 1881-84, viii. 670†
- Specific gravity of, map showing, Mohn, vii. 621
- Northbrook, Earl of, address on opening session, 1879, i. 753; on the Progress of Geography, ii. 401†; on the Leigh Smith Relief Expedition, iv. 157; remarks at evening meetings, i. 473, 534, 589, ii. 35, 37, 97, 242, 264; on Colonel Gordon, ii. 195; on presenting the envoys from Uganda, ii. 383; on presenting medals, etc. ii. 447, et seq.; on the death of Captain Gill, iv. 760
- Northumberland and Durham, Outlines of the Geology of, Lebour, ix. 57†
- Northward Ho!, Markham, i. 479†
- Norton, C. L., Handbook of Florida, xiii. 186†
- Norumbega, the Defences of, Horsford, xiii. 376†

Norway—

- And the Norwegians, Keary, xiv. 566 †
 Best Tour in, Goodman, xiv. 566 †
 Charts, hydrographic, vii. 269, ix. 329, xi. 467, xiii. 191
 Coasts of, Voyage on, Temple, ii. 273 *; their general features, ii. 280
 Fiords of, origin and formation of, Hansen-Blangsted, vii. 255
 Geographical Society of, proceedings of, xii. 177
 Geological maps of, v. 183, vii. 130, xi. 465 †
 Handbooks to †, Baedeker, i. 740, vii. 771; Murray, xiv. 568
 Journeys in, Rabot, iii. 501
 Kristiania Omegn (map), xi. 465
 Maps of:—vii. 130, ix. 209, xi. 464; by the Geographical Institute, i. 348; Nissen, iv. 328; (topographical), v. 183, xi. 464; (tourists'), xii. 642
 Meteorological Institute of, Year-book of, viii. 477
 North, travelling map of, v. 184
 Round, from Tistedalen to Jakobselven, Nielsen, v. 241 †
 Soundings, Admiralty, off Lofoden Island, viii. 724; off coast, ix. 115
 Surveys—coast and deep-sea, Fabricius, ix. 380; Trigonometrical, de Seue, i. 284 †
 Western, Guide to, Beyer, xi. 748 †; map of, *id.*, xii. 642
 Norwegian expeditions:—proposed Arctic, xi. 177; North Atlantic, 1876-78, v. 179, 497, vii. 346, 696, viii. 797, ix. 129, 523, xiv. 568; Polar meteorological, iv. 549
 Nosiloff, C., expedition to Nova Zembla, ix. 378
 Nosop river, S. Africa, vi. 21, 22
 Nossi-bé (Noss-Vey) island, v. 674, vi. 628. See St. Marie.
 Nourse, Prof., Hall's Second Arctic Expedition, edited by, ii. 142 †
 Noury, Admiral de La Roncière le, obituary of, iii. 344
 Nova Scotia, report on surveys in, iv. 517; Geology of, etc., Dawson, xiii. 746; information for intending settlers, viii. 538. See New Scotland.
 Návah, village of, Northern Persia, v. 66
 Novaviyesk, town of, ix. 559
Novaya Zemlya—
 Birds and caves of, ii. 20
 Boat journey of the crew of the *Etra* to, v. 218
 Discovery of, ii. 2, 3
 General account of, Toeppen, i. 409 †
 Geology of, and Franz Josef Land, ii. 40
 Expedition to, Grinewezki, vi. 428; Nosiloff, ix. 378
 Refuge and observing station at, ii. 51, xiii. 170
 The Hollanders in (1596-97), Tollens, vi. 544 †
 Voyage of the Isbjörn to, in 1879, Markham, iii. 116 †

- Novaya Zemlya*, voyage of the, ii. 9
 Návita, town of, Colombia, v. 255
 Nowack, Karte d. Prov. Brandenburg, iii. 697
 Noyamo. See Bomokandi.
 Noyé rapid, Athabasca river, v. 637
 Nozhet-Elhádi, Histoire de la Dynastie Saadienne au Maroc, xii. 640 †
 Nakkara tribe, ix. 295
 Nsama's town, xiv. 37
 Ntamo, Stanley Pool, iv. 511, 513, 687
 N'Tem river, W. Africa, xi. 438
 Ntombi Mataka, falls of, West Africa, v. 700
 Ntorendenga swamp, East Africa, x. 29
 Ntunda, E. Africa, vii. 651
 Nubia, Incidents on a Journey through, to Darfoor, Ensor, iii. 763
 Nubian desert, sand and rocks of the, vi. 326, 327
 Nuchuk village, Alaska, ix. 277
 Nuevo, Valle, San Domingo, x. 240
 Nugermiut Esquimaux, viii. 458
 Nuguor island, Caroline Islands, viii. 558
 Nuhu-roa island, Ké Islands, x. 768
 Nukha, Caucasus, xiii. 328, 314
 Nu-kiang river, iv. 318, vii. 88. See also Lu, Lu-tze, and Giama Nu Chu.
 Nuksan Pass, Hindu Kush, i. 111, 112
 Nukus, position of, i. 515, 516
 Nullabor plain, South Australia, exploration of, Jones, iii. 229
 Nunataptasia lake, W. Greenland, iv. 236
 Nuns, palace of the, Yucatan, v. 45
 Nuotjavre lake, Russian Lapland, ii. 596
 Núr river, Northern Persia, v. 62
 Nur, the Dara'h of, Raverty on, iii. 498. See Dara Nur.
 Nurse, Lieut. C. G., Journey between Zeila and Bulhar, Somaliland, xiii. 657 *
 Nursingrow, A. V., Juggarow Observatory, Results of Meteorological Observations, 1886, ix. 652 †
 Nusairy mountains, Syria, viii. 94
 Nushik Pass, Kashmir, xiv. 769
 Nyaguzwe, Mount, Mashonaland, xiv. 309
 Nyam Nyam. See Niam.
 Nyandan river, Sierra Leone, xiv. 449
 Nyanger, Bushman drawings at, xiv. 298
 Nyangwe, Central Africa, v. 705, ix. 49
 Nyanza. See Victoria Nyanza.
Nyasa, Lake—
 Astronomical observations between Mozambique and, O'Neill, vii. 446
 British Consul at, appointment of Capt. Foot, v. 659; territories on, xii. 663
 Circumnavigation of, the Second, Stewart, i. 289 *
 Coal at north end of, iii. 264
 Country between Tanganyika and—map of, Ravenstein, x. 747; Notes on, Cross, xiii. 86 *
 Eastern coast of, survey of, iv. 42; carried out by Mr. J. Stewart, iv. 420, v. 689
 Explorations East of, Johnson, iii. 421, vi. 512 *; O'Neill, v. 228

Ockley, Simon, Account of South-west
Barbary, etc. x. 610 +

- O'Connor, E., exploration in the Argentine Republic, iii. 593
- Oda, or Nsuam, capital of Akem-Kotoku, viii. 247 *and note*
- Ódádhrann, or lava desert, Iceland, description of, Lock, iii. 471 *et seq.*
- Ode Ketu, W. Africa, xiii. 581
- Oder river, nap of, v. 568; transparency and water-level of, xiv. 629
- Oderic de Pordenone, Frère, Voyages du, edit. Cordier, xiii. 638 †
- Odgers, M. J., on geographical education in India, ix. 687
- Odo Ona Kekere, W. Africa, xiii. 582
- Odoli, or Autun, town of, ix. 560, 567
- O'Donovan, E., Merv and its Surroundings, iv. 345*; the Merv Oasis, iv. 771 †; remarks on Lessar's journey in Central Asia, v. 20
- Odontala valley, Tibet, vii. 170
- Oestergötland and Skåne, archaeological researches in, Montelius, v. 178
- Oesterley, H., Historisch-geographisches Wörterbuch des deutschen Mittelalters †, iii. 246, v. 109
- Oesterreicher, T. L. von, Aus fernem Osten und Westen (East Asia and America), i. 152 †
- O'Flaherty, Rev. Mr., expedition in Uganda, iii. 587
- Oga-Shiwo current of Chinese waters, xiii. 725
- Ogadayn, trade and commerce of, vii. 638
- Ogbonosho, W. Africa, xiii. 585
- Ogden, Herbert G., Geography of the Land, xiii. 638 †
- Oger, F., atlas de géographie, etc., vii. 496
- Ogilvie, William, explorations and surveys in British Columbia, ix. 758, x. 382; award of the Murchison grant to, xiii. 294
- Ogilvy, John, account of Bermuda, v. 498 †
- Ogie, M. J., Gill memorial awarded to, xi. 311; explorations in Upper Assam, xi. 411; in Burma, xiii. 401; obituary of, xiv. 335
- Ogowé-Congo region, history of French explorations in, vii. 770 *et seq.*; routes of, xiv. 335
- Ogowé River**—
 Basin of the, De Brazza, i. 684
 French stations on the, vi. 622
 Journey on the, Ballay, vii. 549
 Map of the, Hansen, vi. 548; note on, Cat. xii. 436 †; to illustrate De Brazza's journey, v. 55
 Native tribes of the, Delorme on, iii. 363
 Region of the, explorations in—Ballay and Mizon, ii. 775; De Brazza, i. 129, iii. 98, 175, 182, 359, 661, iv. 509; Crampel, xi. 437
 Upper basin of the, De Brazza, i. 351
- Ogriart pass, Turkistan, xiv. 783
- Ogneux, old bed of the Oxus near Merv, iv. 355 *note*
- Ogun river, W. Africa, xii. 597
- Ohio, Rand, McNally & Co.'s map of, xii. 56
- Ohio River, Boat-voyage down, Bishop, ii. 522 †
- Oil rivers, W. Africa, x. 749; Gallwey's explorations on the, xiv. 322
- Ojibbeways, the, N.W. America, v. 649
- Okafina, or Cafina, tribe, W. Africa, ii. 629
- Oka river, Russia, v. 561
- Okavango river, S.W. Africa, iii. 173; Duparquet on, iii. 43; journey to, von François, xiv. 339; Thomas, ii. 368
- Okeodan, W. Africa, xii. 612
- Okhur, Dehistan, i. 170
- Okina-wa-sima island, Looehoo, iii. 591
- Oklahoma, population of, xiii. 113; position and boundaries of, xi. 309
- Okomiut Esquimaux, viii. 458
- Okota tribe, viii. 648
- Oksali Mazar, xiv. 12
- Oknriké town, Old Calabar river, iv. 95
- Okwawa, the, Gold Coast, viii. 247
- Olasceaga, M. J., Estudio topográfico de la Pampa y Río Negro, iii. 505 †; La Conquête de la Pampa, etc., iv. 445 †
- Olaus Magnus, map of, viii. 790
- Olba, capital and district of, Asia Minor, xii. 446–458
- Olbieh, G., Special-Karte des Kreises Waldenburg, ix. 723
- Old Calabar river, Edgerley's ascent of the, iv. 94; Presbyterian missionary map of, viii. 541; town and natives of, x. 753, 754. *See also* Cross river.
- Oldenburg, forests of, xiv. 800
- Oldham, H. Y., account of the settlement of the Cape of Good Hope, xiv. 316; Cadamosto and early exploration in Africa, xiv. 718
- Oldham, R. D., Bibliography of Indian Geology, xi. 314 †; on Probable Changes in the Geography of the Punjab and its Rivers, ix. 713 †
- Olenék, Expedition of the Russian Geographical Society, Müller, iv. 576 †
- Olerma and Vitim, Geological Researches in the Highlands of, Obrutcheff, xiii. 506 †
- Olgira, dress of Masai women, v. 530
- Olinda, Dr. A., Der Nicaragua-Canal nach Studien an Ort und Stelle, xiv. 728 †
- Oliphant, L., travels in trans-Jordanic Palestine, ii. 649; the Land of Gilead, iii. 60 †; the Land of Khemi (Middle Nile), iv. 122 †; Haifa, or Life in Modern Palestine, ix. 316 †; episodes in a life of adventure, ix. 590 †; obituary of, xi. 422
- Oliver and Boyd's Pronouncing Gazetteer of the World, ii. 74 †
- Oliver, Capt. S. P., Madagascar, viii. 779 †; True Story of the French Dispute, vii. 465 †; Robert Drury's Journal in, xii. 638 †
- Oliver, E. E., Across the Border: or Pathán and Biloeh, xii. 704 †

- Oliver, Prof., on James and Thrupp's botanical collection from Somaliland, vii. 639
- Olivier, A., Vicomte de Sanderval, De l'Atlantique au Niger, iv. 182 †
- Ollagua volcano, S. America, Berger's ascent of, xiii. 725
- Ollague, Bolivia, xiv. 709
- Olmagiti*, dress of Masai men, v. 529
- Olonsu village, Turkistan, xiv. 782
- Olsvæg, V., Beyer's Guide to Western Norway, xi. 748 †
- Oluwa river, W. Africa, xiv. 321, 322, 458
- Olympia and surrounding district, Curtius and Adler, iv. 440 †
- Olympus mount, Cyprus, i. 102
- Oman, Gulf of, Harbours and Trade of, xi. 512 †
- Omar Yusuf, chief of the Gobron tribe, v. 717
- Ombalandu tribes, W. Africa, ii. 629
- Ombandja tribes, W. Africa, ii. 629
- Ombilin coal fields, Sumatra, i. 776 *note*
- Omei, or Omi, mount, China, v. 421, xiii. 332, 337
- Omekon river, xiv. 410
- Ometepe volcano, Central America, v. 670
- Ommanney, Admiral Sir E., on Antarctic explorations, vii. 758, viii. 718, ix. 576, 622; on oceanography, viii. 768; remarks at evening meetings, ii. 287, iii. 149, vii. 372, xi. 486, xiii. 156, xiv. 612
- Omm-el-Bachar island, vii. 112
- Omo river, E. Africa, xi. 182, xii. 174, 377; identity with the Niam-Niam river, xi. 680; Borelli's explorations on the, xi. 560; D'Abbadie and Borelli on the course of the, xi. 249, 250
- Omsk, Russian Central Asia, v. 669
- Omsk military topographical department, ix. 436
- Omuru, King of Nupé, iii. 29
- Onas Indians, Tierra del Fuego, xiii. 365
- Ondo, W. Africa, xiv. 321, 458
- Ondonga tribe, W. Africa, ii. 629
- O'Neill, H. E., journeys in Mozambique, iv. 46, 94, v. 482, 551, 719, 730, vi. 153, 373, 578, 741; in the Makua and Lomwe Countries, iv. 193 *; on Lake Shirwa and the Lujende river, iv. 321; on snow-clad peaks in Mozambique, iv. 381; on the O cast-lands, Rivers, and Ports of Mozambique, iv. 595 *; Journey West of Cape Delgado, v. 393 *; Journey to Lake Shirwa, etc., and return to Angoche, vi. 632 *, 713 *; on Pinto's expedition, vi. 744; arrival in England, vii. 239; on Nakala and other Ports on the Mozambique Coast, vii. 373 *; Eastern Africa between the Zambesi and Rovuma, vii. 430 *; astronomical observations in E. Africa, vii. 446; presentation of medal to, vii. 474, 477; Journey from Quillmane to Blantyre, vii. 646 *; in the Delagoa Bay District, ix. 497 *
- Onsieritus, on the River Mand, v. 715
- Ongangera tribe, W. Africa, ii. 629
- Öngés, natives of Little Andamans, x. 570, 572, 575
- Oni, Caucasus, xiv. 103
- Oni river, W. Africa, xiii. 580
- Onilahy, rise of river, Madagascar, xiii. 367
- Ontario, county map and shippers' guide to, iv. 724; the Immigrant in, viii. 538 †
- Opi, or Werre, river, ix. 292
- Opium growing on the Zambesi, vii. 647
- Opobo, W. Africa, x. 758
- Opone, ancient place of Africa, xiii. 529; distance from Rhaptum to, xiii. 546
- Oppel, Dr. A., Die Religiösen Verhältnisse von Africa, ix. 715 †; on the growth of population in Europe, viii. 399; on acclimatization, ix. 690; Terra Incognita, xiv. 506 †
- Oppert, E., Ein verschlossenes Land, Reisen nach Corea, ii. 391 †; English translation, ii. 139 †
- Oprang river, Turkistan, xiv. 209, 217, 219, 781
- Oqualudi tribe, W. Africa, ii. 629
- Oquambi tribe, W. Africa, ii. 629
- Oquanyama tribe, W. Africa, ii. 629
- Oran and Algeria in 1887, Historic, Scientific and Economic Notes, Seguy, x. 691 †; Southern, and Tunis, maps of, v. 557
- Orang-outangs, or forest men, of the Malay peninsula, v. 46
- Orang Semang tribe, Malay peninsula, iv. 409
- Orange bay, Cape Horn, French meteorological mission to, v. 560
- Orange Free State, area and population of, iii. 3; population, products, etc., of, iv. 177; extent of, vi. 627
- Orange islands, Novaya Zemlya, ii. 32
- Orange river, S. Africa, iii. 6, v. 696, vi. 20, 27, 625, viii. 447, 448
- Ordinaire, M. O., new route from Peru to the Amazons, x. 650
- Ordnance and admiralty surveys, report of committee on, viii. 740
- Ordnance maps, on some defects of the, Wilkinson, ix. 702; new issues, *passim*; suggestions for improvement of, Crook, xiii. 631
- Ordnance survey, datum level of, viii. 24, 25; present state of, etc., Crook on, xii. 674 *et seq.* *; spirit levellings of, viii. 23; Utilisation of, Wilson, ix. 704, 786 †; White on, ix. 205 †
- Ordos desert, ix. 233
- Oregon, climate of, Laidlaw on, xi. 505; mountains of, Steel, xiv. 133 †; surveys in, 1878, Wheeler, i. 394; Goad on, i. 694 *
- Orff, Dr. O. von, report on the topographical department, vi. 481
- Orgãos, Serra dos, viii. 356
- Orient and Occident, Mitford, x. 744 †
- Orient Steam Navigation Co.'s coaling station at Diego Garcia, viii. 390

- Orientalists, International Congress of, at Leyden, v. 290
 Orientem, Ad, Frederickson, xi. 755 †
 Origanumu tribe, New Guinea, xii. 561
 Orinoco, Chaffanjon's expedition to the sources of the, vii. 397, viii. 51, ix. 204, 255, 456, x. 96, 100; Upper, Montolieu's explorations in the basin of the, iii. 105; the Orinoco and the Cauna, Chaffanjon, xii. 572 †
 Orissa province, viii. 688
 Orizaba, peak, height of, xii. 754, xiv. 804
 Orkhon river, ruins on banks of, xii. 424
 Orkney and Shetland isles, their Past and Present State, Tudor, v. 431 †
 Baddeley's Guide to, viii. 473 †
 Orleans, Prince Henry of, journey (with M. Bonvalot) through Central Asia, xii. 38, 45, 98, 175, 234, 235, 467, xiii. 385; De Paris au Tonkin par terre, xiii. 691 †
 Orösa Jökull, Mr. Howell's ascent of the, xii. 619, xiii. 612, xiv. 841 *
 Orösi desert, Iceland, iii. 479, 480
 Oroí village, New Guinea, xi. 89
 Oroko, New Guinea, ix. 77
 Orontes mountains, x. 85 note.
 Orontes, valley of the, viii. 95
 Oropaza, S., Cuestion de Límites entre las Republicas de Bolivia y del Perú, x. 604 †
 Orotava, map of the, valley of, Rothplatz, xi. 704
 Oroya, Peru, xiv. 384, 391, 394
 Orozco y Berra, M., Apuntes para la Historia de la Geografía en México, iv. 122 †
 Orpen, G. H., the Song of Dermot and the Earl, xiv. 578 †
 Orrery, Nouvelle Machine Cosmographique, Girod, x. 188; Philip's patent revolving, xiii. 640
 Orta, Lago d', Italy, v. 621, 622
 Ortega, Rio de, latitude of, xii. 415, 416
 Ortellius, Abraham, Ecclesiae Londino-Batavae Archivum Tomus Primus, edit. Hessels, x. 256 †
 Orthography of Geographical Names, Dalton on, xiv. 770 *; R. G. S. System of, vii. 535 *, xiv. 47, 116 *
 Orton river, S. America, v. 333, xi. 497, 498
 Ortroy, F. Van, Esquisse Géographique de l'Afghanistan, x. 395 †
 Orueta y Duarte, Domingo de, Informe sobre los Terremotos en el sud de España †, vii. 771, 829
 Osborn, Capt. Sherard, i. 81
 Oscar Dickson, voyage of the, to the Yenisei Gulf, in 1880, Sibiriakoff on the, iii. 231; loss of the, iv. 291
 Oschatz, Wandkarte der Bitterfelder Kreises, iv. 579
 Osh, Central Asia, xiv. 4
 Osuain, M., expedition in Central Asia, i. 64, 209, 357, 591; on the Khullas river, ii. 573; map of his routes, iv. 453; visit to the scene of the earthquakes in the Vernoe district, x. 638
 Oshima island volcano, Japan, ix. 93
 Oshogbo, West Africa, xiii. 585
 Oshun river, West Africa, xiii. 580
 Osnabrick, topographical map of, Winter, ii. 464
 Ossete Sanctuary, Caucasus, vii. 601; tribe, x. 702, 703; villages and monuments, xiv. 104, 105
 Osten-Sacken, Baron, on the progress of geography in Russia, ii. 323
 Ostroumoff, Dr., on the Fauna of the Black Sea, xiv. 461
 Oswald, F. L., Streifzüge in den Urwäldern von Mexico und Central-Amerika, iii. 380 †
 Osyeba tribe, viii. 652
 Otago, Complete Guide to the Lakes of, Ross, viii. 306 †
 Otchakoff on the Dnieper, surface level at, viii. 269
 Otchivemba mountain, South-West Africa, v. 464
 Oto Bororua or Korohoro, xii. 131
 Otomí tribe, Vera Cruz, ix. 568, 570
 Ottawa, proceedings of the association of dominion land surveyors at, viii. 476
 Otterloo, A. van. See Serné.
 Ottino, G., Il Mappamondo di Torino, xiv. 811 †
 Ottiwell, Sir F., obituary of, xii. 392
 Ottoman Empire, directory for, Henriot, iv. 565, 567; map of the, Klepert, xiv. 349; of the Asiatic provinces, *id.*, vi. 360
 Otquis river, Gran Chaco, xi. 150; New Province of, Quijarro on, xii. 706 †; Colonization of, xii. 706 †
 Otway water, Magellan Straits, ii. 553
 Ouargla. See Wargla.
 Oudemans, J. A. C., Notiz über die Territorien von Java, xiv. 809 †
 Ot . . . N . . . W . . . Provinces, population of, xiii. 612
 Oudjda, from Fez to, De Chavagnac, ix. 779 †
 Ouita river, Central Asia, xii. 24
 Oukawa, M., on the society of political economy and statistics at Tokio, v. 559
 Oua, Cilicia Tracheia, xii. 458
 Oupocari falls, Essequibo river, ii. 474
 Oustalet, M., on the fauna of Great Comoro, vii. 611
 Ovabero tribes, viii. 650
 Ovampoland, S. W. Africa, explorations in, Duparquet, ii. 628, iv. 96; Höpfner, v. 659; population and extent of, i. 710
 Ovampo tribe, v. 466, viii. 651
 Ovatjimba tribe, viii. 650
 Overbeck, Baron, negotiations with the Sultans of Borneo, i. 122
 Overstone, Lord, obituary of, vi. 381
 Oviedo on Vesputri's alleged first voyage, xiv. 610
 Ovimbunda tribe, xi. 69
 Ovis Poli of the Altai mountains, x. 495
 O-Wassa mountain, ix. 623. See Clarence Peak.
 Owen, Capt., Voyages, etc., in the *Leven* and *Barrucouta*, i. 204 †

Owen Stanley Range—

Ascent of, Hartmann and Hunter, ix. 621, 767; Macgregor, xi. 504, 605, xii. 193,* 381, 558, 688, (scientific results), 616; of Mount Obree in, Cuthbertson, ix. 758

Expeditions to, Forbes, v. 408, vi. 372, 403; Government of Victoria, ix. 305

Heights of peaks of, Macgregor, xi. 606

Letter from H. O. Forbes on, xii. 558 *et seq.*

Nomenclature of the peaks, xi. 606, xii. 218, 219, 697

Owen's lake, Colorado desert, xiv. 310

Owithya, game at, South-West Africa, v. 464

Oxenham, E. L., on the climate of Central China, ii. 46; historical atlas of the Chinese Empire, x. 403; on the overflow of the Yellow river, x. 535

Oxford University—

Extension lectures, 1887-88, ix. 681

Geography at—memorial on professorship, i. 261; proposals and measures for establishment of readership, viii. 529, 708, ix. 188, 239, 254, 333, 334, 698; appointment of Mr. Mackinder as reader, ix. 437; teaching of, Mackinder on, ix. 698; progress in, *id.*, x. 531, xi. 502, xii. 419, xiii. 428, xiv. 398; award of studentship, xiv. 235

Local examinations, award of medals for geography at, vii. 478, viii. 468, ix. 454

Oxus or Amu-daria, iv. 870, vii. 234, 235, 253—

Ancient course of the, i. 161, iv. 221, v. 14, 172, 430, 561; Erckert on, xiv. 869 †; Kaulbars on, x. 182; Morgan on, xiv. 236; Petrusévitch on, i. 403; inundation of, Streznéfsky on, i. 146; Russian expedition for exploration of, i. 342, ii. 68, 187

Diversion of, to the Caspian, project of, ii. 187, vi. 286, 592, 593; Wodikof on, i. 475

Journey on the, Bonvalot and Capus, iii. 737

Lower—positions on, Dorandt, i. 515

Railway bridge across, x. 246, xi. 287

Sources of, xii. 234, xiv. 784; map of, xiv. 349

Steppe Routes from Karshi to, Morgan on, iii. 723 *

Surveys of, Zubof †, i. 222, x. 181; *id.*, topographical, to Herat from, Grodekof, i. 387, 591

Tributaries of, vi. 504 *and note.*

Upper—course of the, xiv. 51, 52;

Regions of the, Michell on, vi. 489 *;

Ujfalvy on, i. 144; his map, i. 544

Oyamburu, pyramid of, Ecuador, iii. 405

Oyapok river, Guiana, xiii. 40; upper tributaries of, xiii. 562

Oyo, West Africa, xiii. 585

Oz, Persia, v. 65

Ozi river, W. Africa, xiv. 514

P

Paars, Major, attempt to cross Greenland, xi. 469

Pablobamba river, Bolivia, v. 322

Pacaraima or Parima range, Guiana, xiv. 667

Pacayara Indians, v. 329

Pacaya, volcano of, Central America, v. 670

Pachtusoff, Lieut., Arctic voyage of, ii. 10-12

Pacific Ocean—

A spring in the, Monnier, viii. 62 †

Coast-lines of the, development of, xiv. 653

Coast Scenic Tour, Finck, xiii. 185
Colonization of, Marquis de Ray's scheme, ii. 369, iii. 47

Currents of, Schott on, xiv. 376

Deep-sea investigations in, xiii. 180

Geographical Society of, formation of, iii. 740; proceedings, iii. 761, iv. 180

Islands of (*see also* Oceania and Polynesia)—diminution and migration of population of, viii. 563, 564, 566; Ethnographical map of, Whitney, i. 614; photographs of, Cross, x. 404

Maps of—Kiepert, iv. 188; Bathymetrical, xi. 399

Meteorological charts of, i. 178

Missionaries in, viii. 563, 564

North—directory for navigation of, Findlay, viii. 280 †; expedition to, Finck, ii. 50

South—U. S. deep-sea soundings in, viii. 333

Surveys, marine, in, ii. 421, v. 599, xii. 390, xiii. 398

Tribes of, contribution to knowledge of, Schmeltz and Krause, ii. 712 †

Unfreiwillige Wanderungen in, map of, xii. 576

Voyages in the, Buchner, i. 223 †

Wanderings South and East, Coote, vi. 248 †

Western—Coote on, v. 746 †; map of, vii. 200, 494; and New Guinea, Romilly, viii. 407 †

Pacific railways, in North America, Schlagintweit, viii. 537 †; Canadian, Begg on, viii. 727

Packard, A. S., ascent of the Popocatepetl volcano, viii. 335; the Labrador Coast, xiv. 504 †

Packe, Oh., exploration of the Pyrenees, vi. 46

Padamo river, South America, x. 96

Padas river, North Borneo, v. 721, x. 10 *et seq.*

Padrao, Point, mouth of the Congo, v. 694

Pagalan river, North Borneo, x. 12, 13

- Page, Capt. J., the Gran Chaco and its Rivers, xi. 129*; expedition up the Pilcomayo, xii. 618, xiii. 39; obituary of, xiii. 400
- Pagels, M., Tre År i Kongo (in part), ix. 261†
- Paget, Lieut.-Col. W. H., Expeditions against the North-West Frontier Tribes, etc., x. 737†
- Paghman range, Afghanistan, i. 117, 193, 245, iii. 71
- Pahang, the Bandaharah of, iv. 401; river, Malay Peninsula, xiv. 535
- Pahre, Afghanistan, vii. 166
- Pahuin tribe, W. Africa, iii. 363
- Pai-to-san mountain. *See* Peik-tu-San.
- Paiungun river, viii. 689
- Pai-shan, mount, ix. 543, 544. *See* Peik-tu-San, and Chang Pai Shan.
- Paiwans of Formosa, xi. 227, 228, 232
- Paiwar pass and range, i. 48, 625
- Pai-yen-ching brine wells, viii. 376
- Pajot, E., Simples Renseignements sur l'Île Bourbon, ix. 520†
- Pakhoi, trade at, xiii. 263
- Palacio, Licenciado Diego de, Letter of, 1576, to the King of Spain, on the ruins of Copan, viii. 573
- Palæocrystic ice of the Arctic seas, viii. 163, 164, 174
- Palæolithic man in N. W. Middlesex, Brown, x. 105†
- Pa'ander, Lieut., Arctic journey of, ii. 58; medal awarded to, ii. 311, 446
- Palang Durwaz, or "Panther's Portal," Persia, v. 63
- Palanga, Asia Minor, xiv. 58
- Palani hills, S. India, vii. 728
- Palat, Lieut., assassination of, in the Sahara, viii. 397
- Palawa peak, Africa, v. 719
- Palena river, Chili, ix. 580
- Palenque, inscriptions at ruins of, viii. 593
- Palestine**—
- Bibliography of, Röhricht, xiii. 372†
- Eastern—Survey of (Pal. Exp. Fund), meeting on, iii. 46; report of committee for, iv. 642, v. 675; Conder on (Adwan Country), xi. 512†
- Geographical, etc., Description of, Guérin, ii. 139, 459†
- Geology and Physical Geography of, west of the Jordan, Ankel, x. 175†
- German pilgrimages to the Holy Land, Röhricht and Meisner, ii. 709†
- Haifa, or Life in Modern Palestine, O'Connell, ix. 316†
- History of, Henderson, vii. 195†
- Illustrated, xii. 502†; *id.*, Temple, x. 474†
- In the time of Jesus Christ, Stapfer, vii. 54†
- Journey in, Guérin, iv. 438†
- Journey to the Holy Land, 1532, Possett and Philippe, xii. 571†

Palestine—continued—

- Maps of:—Armstrong, xii. 644; Bamberg (wall), vi. 428; Bible Topographical, xiv. 137; Fischer and Guthe, xiii. 696; Guérin, iii. 496, 640; Johnston, i. 159, v. 628; Kiepert (wall), v. 436, 504, xii. 188; Thuillier, v. 686, vi. 613; Wood, v. 436
- Monumental, ix. 259
- Photographs of, Robinson, xiv. 204
- Pilgrims' Text Society, Publications of, ix. 323†
- Tent work in, Conder, i. 478†
- Under the Moslems, Le Strange, xiv. 131†
- Western—Flora and Fauna of, Tristram, vi. 425†; map of, Palestine Exp. Fund, ii. 397, iii. 700, iv. 186; Survey of, Conder and Kitchener, v. 304†; Warren and Conder, vi. 424; Hull on, viii. 343†; index to memoirs of, Stewardson, xi. 57†
- Works on—Conder, xii. 47†; De Vaux, v. 567†
- Palgrave, Mary E., Pictorial Geography of the British Isles, ix. 711†
- Palgrave, W. G., on the desert of Nefud, ii. 94; Ulysses, or Scenes and Studies in many Lands, ix. 784†; obituary of, x. 713
- Palguchio lake, Tibet, x. 90
- Pa-li-kul or Barkul, xii. 79
- Pallaballa, West Africa, v. 572
- Pallas, second voyage of, etc., xi. 756†
- Palmer, Prof., death of, iv. 758, 761
- Palmer, river, New Guinea, xii. 832
- Paloozy, Prof., Lyon, Ein Französische Stadtebild, xiv. 866†
- Palombe river, Central Africa, ix. 43, xiii. 272
- Paloung tribe, Burma, x. 267, 268
- Palti or Yamdok-cho lake, viii. 428
- Paltu river, i. 199
- Palura river, ancient India, iv. 653
- Pamary Indians, Amazons, ii. 571, xii. 241
- Pambala tribe, viii. 636
- Pambeta, longitude of, iii. 271; *id.*, Stewart, ii. 431
- Pamir-i-Wakhan, xiv. 230
- Pamir**—
- Account of the, Ivanof, vii. 339
- Climate of, xiv. 223, 224
- Dragon lake of, Rawlinson on, ix. 69*
- Early history of, xiv. 233
- Fauna and Flora of, ii. 504
- Geography of, Black on, xiv. 124; Wheeler and Walker on, xiv. 51, 52
- Geological structure of, i. 125
- Highlands of the, vii. 85, 87
- Journeys and explorations in—Capus, xii. 501; Grombchevsky, xi. 49, 103, 171, 563; Grum Grijimallo, xi. 171; Littledale, xiv. 1*; Oshanin, i. 209; Russian (1883), vi. 135*; Severtsoff, i. 455, 593, ii. 499*, iii. 120, 664; Younghusband, xiv. 205*; various, vi. 3, 8

Pamir—continued—

- Little, xiv. 226
 Map of the, xiv. 349
 Mountains of the, iv. 614, 615, xiv. 223, 224; system of, Severtsoff, v. 182
 Remarks on, Freshfield, xiv. 29 *et seq.*
 Snow in the valleys of, Capus on the depth of, xii. 635
 Work on, Geiger, x. 254 †
 Pampas and the Andes, across the, Crawford, vi. 302 †; work on, Zöller, vi. 426 †
 Panama, Five Years at, Nelson, xiii. 240 †
Panama Canal—
 Congress on, at Paris, i. 400, 474
 History, etc., of, Rodrigues, viii. 130
 In 1886, report on, Roux, ix. 321 †
 Lesseps on, x. 665
 Locks of, Lesseps, x. 241
 Map of, vii. 494; (relief), Muret, iii. 254
 Mean sea level at ends of, viii. 397
 Panoramic plan of, viii. 286; *id.*, Muret, iii. 768
 Progress of, i. 340, 608, ii. 66, 580, iv. 102, vi. 50, 93, 587, x. 169
 Surveys for—ii. 192; Wyse and Reclus, ii. 475, 737; reports on, Wyse, i. 407 †; Lull and Collins, ii. 201 †
 Works on—Wyse, viii. 211 †; Zöller, v. 49 †
 Panama, Isthmus of—Journeys in, Reclus, iii. 576 †; notes on, Peacock, i. 688; visit to, White, v. 265
 Pansas Rio, Brazil, x. 70
 Panchow, H., Ueber Zwergvölker in Africa und Süd Asien, xiv. 876 †
 Panda na Tenka, South Africa, v. 230, xi. 222, xiii. 375
 Panga falls, Aruwimi river, xi. 266
 Pangani bay and town, E. Africa, i. 545, 546, 559, vii. 156, 159; routes from, to the Masai country, Farler, iv. 730 *et seq.*; river, Von Gravenreuth's journey up, ix. 56. *See* Luvu.
 Pangani falls, Rufiji river, i. 529, iii. 648, 649
 Panghai district, E. Africa, iv. 153
 Pangkong lake, Central Asia, v. 614
 Pangula, pass, Tibet, x. 90
 Panj or Panja river, Pamirs, iv. 414; vi. 498, 503, 508, viii. 45
 Panjur, Beluchistan, v. 720
 Panlaung river, xiii. 402
 Panouse, Vincomte E. de la, travels in South Africa, ix. 127
 Panthay kingdom, W. China, x. 269
 Panton, J. H., Transactions of the Historical and Scientific Society of Manitoba, viii. 407 †
 Pantusoff, N. N., Ferghana, according to the Memoirs of Sultan Baber, xi. 392 †; Information on the Kuldja Region, xi. 392 †; War of the Mahomedans against the Chinese, xi. 392 †
 Panum vicus, distance from Rhapsom to, xiii. 546
 Panunga tribe, Australia, x. 670

Panyame. See Hanyane.

- Panyny river, Dr. Melrose's journey up the, iv. 295
 Papar river, N. Borneo, iv. 118, x. 135
 Papua, Gulf of, vi. 203, 204; cannibalism among isolated tribes of, v. 506, 507; unhealthiness of, v. 506, 516; Explorations in the Region of the, Bevan, x. 82 *
 Papuans of New Guinea, i. 7, vi. 209, 210, x. 203, 204, 602; Miklukho-Maclay's study of the, iv. 769
 Paquier, Prof., on English discoveries in Afghanistan, ii. 515; on the establishment of a national school of geography, vi. 423
 Pará, Brazil, viii. 513; longitude of, Franklin on, i. 217; river, viii. 358, 516
 Parachoatras mountains, x. 85 *note*
Paraguay—
 Forests and vegetation of, xi. 142, xii. 428
 History of, etc., Guevara, viii. 212 †
 Hundred Days in, Toeppen, vii. 694 †
 Journey through, Sosa and Bourgade, x. 167
 Map of, Beyer, viii. 608
 Resources of, report on, xiv. 326
 The Republic of, x. 634 †
 Work on, Bourgade, xii. 640 †
 Paraguayan Treasure, A, Search and Discovery, Baillie, ix. 520 †
 Paraguay river, iii. 403, 408, 409; journey from, to the Amazons, Ehrenreich, xii. 42
 Paramaribo, Guiana, population of, xiii. 567
 Parana, province of, Mendoza's explorations in, x. 650
 Parana, Rio, viii. 360
 Parapanapena river, map of, xii. 253; survey of valley of, xii. 122
 Paranatinga river, viii. 519
 Parapiti river, Bolivia, iii. 406, xii. 672
 Parasang, Persian measure, length of, x. 584, 586
 Paráu, mount, i. 170 *note*
 Pardo, Don Manoel, obituary of, i. 134
 Pardoux, M. N., explorations of the Mekong river, ix. 774
 Paré mountains, East Africa, xii. 615, 667
 Pariisky, Capt., survey on the Zarafshan, ix. 434
 Parima range, Guiana, xiv. 667
Paris—
 Album of ancient plans of, Alphant, ii. 720
 Atlas (pocket) and guide to, Bartholomew, xi. 467
 Chair of Colonial Geography in, xiv. 554
 From Paris to Japan, Cotteau, v. 301 †; to Samarkand, Ufalvy-Bourdon, iii. 61 †; to Tenkin, Prince Henry of Orléans, viii. 601 †

Paris—continued—

- Geographical Society of—award of medals, etc., of, i. 402, ii. 320, iii. 185, iv. 241, 385, v. 358, vi. 233, 346, vii. 251, 547, viii. 273, 471, ix. 255, 385, x. 471, xi. 249, xii. 298, xiii. 300, xiv. 465; meetings of, *passim*
 Plan of, ix. 63; *id.*, Andriveau-Goujon, i. 153; Legerot, i. 612
 Parish, Sir Woodbine, obituary of, iv. 612
 Parker, Bishop, journey from Mombasa to Mamboia, x. 92
 Parker, E. H., journey in North Sze-chuen, iv. 610
 Parker, Gilbert, Round the Compass in Australia, xiv. 662 †
 Parkes mount, New Guinea, xi. 606, xii. 217
 Parkin, G. R., Round the Empire, xiv. 578 †
 Parkinson, S., Journal of a Voyage to the South Seas, xiii. 309 †
 Parmentier, J. and R., works and Voyages of, edit. Schefer (Recueil de Voyages), v. 499 †
 Parnahyba river, viii. 361
 Parola, G., Saggio di Climatologia, etc., dell' Italia, iii. 502 †
 Parola tribe, Australia, xi. 670
 Paropamisus, or Barkut, mountains, Afghanistan, v. 7, 12, vii. 276, 286, 581 and note, 668
 Parry, Sir Edward, voyage to Hudson's Bay, x. 554
 Partabgarh, fort of, W. India, iv. 464, 465
 Partamona Indians, vii. 499 note, 501, 502, 525
 Partsch, Dr. J., Physikalische Geographie von Griechenland, vii. 257 †; on the principal range of the Central Apennines, xi. 743; Kephallenia and Ithaka, xii. 702 †; map of the same, xii. 709; Die Entwicklung der historischen Länderkunde, etc., xiv. 876 †
 Parvum Littus, of Ptolemy, xiii. 528, 546
 Pasco, C., on Englishmen in Timor Laut, vi. 472
 Pasco, Peru. See Cerro de Pasco.
 Pascoe, Staff-Commander, survey of the Yé river, x. 33
 Pas-de-bout rapid, Athabasca river, v. 637
 Pasi Mta pass, Caucasus, v. 692
 Pasion, Rio de, G. G. G. G., v. 191, 196
 Paso Real, Guatemala, v. 191, 196
 Passage charts, Isochronic, construction of, Galton, iii. 657
 Pasarge, L., Aus Baltischen Landen, ix. 526 †
 Passavant, M., journey to Liba lakes, vi. 477
 Passier point, New Guinea, v. 512, 513
 Passoemah lands, Sumatra, v. 657
 Pastolik, Alaska, iv. 662

Patagonia—

- Across, Lady F. Dixie, iii. 190 †
 Description of, Falkner, viii. 411 †
 Explorations and journeys in—Bove (Italian scientific expedition), iii. 659, v. 112 †; Burmeister (Chuput Region), xi. 514 †; *id.*, and Bell, xii. 291; Castillo, ix. 512, x. 651; Durnford, v. 84 †; Fontana (Chubut), viii. 527; Lista, i. 479, 683 †, ii. 511, 709 †, iii. 248 †; map of the latest, 1881, iv. 188; Machon, xiv. 361; Mohler, xiv. 661; Moreno, i. 687 †, 816, ii. 516, (map), iii. 512; Moyano, viii. 411 †, ix. 384; for national museum, map of, xi. 759; various, vii. 342
 Southern, Ramon Lista, ii. 201 †
 Wanderings in, Beerbohm, i. 284 †
 Paterson, J. W., map of North Formosa, v. 54, 177
 Pathán and Biloch, Oliver, xii. 704 †
 Patia River, Colombia, White's explorations on, v. 258–261
 Patkoi pass, ix. 41; route from India to China, *viâ* the, iii. 492
 Paton, W. A., Down the Islands (Caribbees), x. 178 †
 Patterson, Capt., on the Bamangwato country, i. 240; notes on Matabelland, i. 509; death of, i. 243
 Patterson, Rev. Dr. G., the Magdalene Islands, xiv. 728 †
 Patton, J. H., natural resources of the United States, x. 253
 Patung, coal mines at, viii. 383
 Pau. geographical conference at, xiv. 555
 Pau. of Bolivia, v. 317, 318
 Paullac, Carte de, vi. 486
 Paula, Holy, the Pilgrimage of the, St. Jerome, transl. Stewart, ix. 323 †
 Paulitschke, Dr. P., Die Geographische Erforschung des Afrikanischen Continents, ii. 522 †; *id.*, der Adal-Länder und Harar's, vi. 425 †; Die Afrika-Literatur in der Zeit von 1500 bis 1750, iv. 391 †; expedition into Somal Land, vii. 458; Die Sudanländer nach dem gegenwärtigen Stande der Kenntniss, viii. 601 †; Beiträge zur Ethnographie und Anthropologie der Somäl, etc., viii. 672 †; Harar, Forschungen nach den Somal- und Galla-Ländern Ost-Afrika's, xi. 394 †
 Paulson, Mr., attempt on the Öræfa Jökull, xiv. 842
 Pavie, A., Itinéraires dans le sud-ouest de l'Indo-Chine Orientale (map), vii. 493; journey from Laos to Tongking, x. 472
 Pavin lake, France, xiv. 556
 Pavlovsky observatory, the, v. 390 and note
 Pavlov, Mount, Alaska, eruption of, ix. 279
 Payer, Capt., i. 32, 35, v. 222, 225
 Payne, E. J., Voyages of the Elizabethan Seamen to America, iii. 64 †
 Payne, F. F., Eskimo of Hudson's Strait, xi. 189 †; Notes on the Eskimo of Cape Prince of Wales, xii. 707 †

- Payne, J. A., Lagos and West African Almanack, ix. 460 †.
- Payton, E. W., Round about New Zealand, xi. 60 †.
- Paz Soldan, M. F., Diccionario Geográfico Estadístico del Peru, i. 78 †; obituary of, ix. 386.
- Peace, the, steamer for the Congo Mission, vi. 75, viii. 617, 627.
- Peace or Beaver river, North America, v. 634, 642, 643.
- Peace, Walter, Our Colony of Natal, v. 745 †.
- Pencecock, D. R., Vocabularies of Five West Caucasian Languages, ix. 205 †; obituary of, xiv. 563.
- Peacock, Capt. G., the Guinea or Gold Coast of Africa, ii. 393 †; Notes on the Isthmus of Panama, i. 688 †.
- Peacocke, Major W., exploration in W. Africa, xii. 660.
- Peacocke, Capt., surveys for Afghan Boundary Commission, viii. 268.
- Peal, S. E., journey from India to China by the Patkoi pass, iii. 492; on the Origin and Orthography of River-Names in Further India, xi. 90*.
- Pearl-shell trade in Torres Straits, v. 506.
- Pearson, C. W., expedition from Suez to Uganda, iv. 62.
- Peary, Lieut., North Greenland expedition, results of, xiv. 697.
- Pechora. *See* Petchora.
- Pechuel-Loesche, Herr, Die Loango-Expedition, 1873-76, iv. 324 †; on the geography of the Congo, etc., v. 586, 588.
- Peck, Rev. E. J., journey across Labrador, ix. 192.
- Pector, D., Vestiges laissés par les Populations Précolombiennes du Nicaragua, xi. 634 †.
- Pedra Grande, South-West Africa, v. 460.
- Peek, Cuthbert E., Across Iceland by the Sprengisandr Route, iv. 129*; visit to Queensland to view the transit of Venus and communication of longitudes, v. 488; on the hot springs of Iceland and New Zealand, v. 667; on the meteorology of Devonshire, vii. 248; Observations for 1887, x. 399 †.
- Peking, Dr. ... sh, on the Badgheis, v. 15.
- Peking, ... Southern China, xiii. 257.
- Peik-tu-San mountain, Korea, viii. 291, xiv. 141, 151, 153; Campbell's journey to, xiv. 150.
- Peisen or Peishenga Fford, Norway, ii. 275.
- Pei-Shan mountains, viii. 779. *See* Pai-Shan, and Chang Pai Shan.
- Pei-tany or Chi-yün Ho river, China, v. 23.
- Pejsan range, Central Asia, xii. 77.
- Peki district, viii. 256.
- Peking, population of, ix. 57; Wade on, v. 454; road to, xii. 71, 72; Route from, to Kashgaria, Bell, xii. 57*; From, to Calais by land, De Windt, xi. 315 †.
- Pelet, P. *See* Lebon.
- Pelow islands, viii. 558.
- Pelicans, Isle of, West Africa, v. 698.
- Pella, Schumacher, xi. 186 †.
- Pellow, Thomas, of Peury, Adventures of, xiii. 129 †.
- Pelly, Gen. Sir Lewis, remarks at evening meetings, ii. 98, iv. 357; obituary of, xiv. 416.
- Poloponnesus, settlement and commerce of, x. 801.
- Pomba island, E. Africa, i. 666, vii. 240.
- Pemberton, Capt. R. B., on Manipur, xiii. 293.
- Pembina river, Athabasca, v. 635; valley of, Selwyn on depth of frozen soil in, viii. 745.
- Penafiel, Dr. A., Nombres Geográficos de Mexico, viii. 407 †.
- Penchot, M., on the massacre of the Crevaux Mission, iv. 566.
- Penck, Dr. A., Die Vergletscherung der Deutschen Alpen, iv. 646 †; on the sea-level, v. 239; on Béarn and Upper Aragon, vi. 481; Geographische Abhandlungen, new serial, edited by, viii. 725; notices of the same †, ix. 129, 709, x. 319, 743; Papers on Physical Geography, ix. 652 †; Die Bildung der Durchbruchthäler, x. 608 †; Die Gletscher der Ostalpen, xi. 459 †; Die Ueberschwemmungen des Jahres 1888, xi. 459 †; Ziele der Erdkunde in Oesterreich, xi. 459 †; Theorien über das Gleichgewicht der Erdkruste, xi. 463 †; on climatic variations, xiii. 50; proposed large map of the world, xiii. 558, xiv. 716, 717; Vom Dachsteinplateau, xiv. 866 †.
- Penda-ma-tenka. *See* Panda.
- Pender, Capt. D., obituary of, xiii. 400.
- Pendulum observations in Russia, summary of, Morgan, xiii. 168.
- Pène-Siepert, M., on the Tongking question, vii. 826.
- Penguin islands, vi. 625.
- Penguin, H.M.S., surveys on north-west coast of Australia, xiii. 298.
- Peng-yang, Korea, vii. 242, xiv. 157.
- Penjdeh, vii. 283, 285, 564, 589; caves and ruins at, De Laessle, vii. 583*.
- Pennar river, viii. 694.
- Pennazzi, Luigi, Spedizione dal Po al due Nili, iv. 577 †.
- Pennefather, Capt. C., exploration of the east coast of the Gulf of Carpentaria, iii. 102, 228; Parker and Bayley Points in the same (map), iii. 444; plan of Batavia river, iii. 255.
- Pennesi, G., Pietro Della Valle e i suoi Viaggi, xiii. 742 †.
- Penning, W. H., Guide to the Gold Fields of South Africa, v. 498 †; on the geological formation of the Kaap valley, x. 441.
- Pennsylvania, Climatology of, xi. 753 †; Rand, McNally & Co.'s map of, iv. 188, xii. 573.
- Penny, Rev. A., Ten Years in Melanesia, ix. 523 †.

- Peurose, Mr., expedition in Central Africa, i. 208
- Penungah, North Borneo, x. 6, 7
- Pepoahoas of Formosa, xi. 230
- Peragallo, P. L., *L'Autenticità delle Historie di Fernando Colombo*, vii. 129 †; *Cristoforo Colombo e la sua Famiglia*, xi. 576 †
- Perak—
 Exploration in, i. 717; east of the Poruk river, Leech, ii. 634
 Map of, Lefroy, xiv. 733
 Mines of the State of, *De la Croix*, v. 381 †
 Notes on, viii. 538
 Province and river, iv. 402, 403, 408
 Survey of, Denno, ii. 438
 Work on, St. Pol-Lias, v. 305 †
- Peralta, M. de, Costa Rica, Nicaragua, y Panama en el Siglo XVI, vi. 172 †; inedited documents relating to Sir Francis Drake, v. 407; *El Canal de Nicaragua en 1620 y en 1887*, x. 315 †
- Percival, W. S., the Land of the Dragon, xi. 512 †
- Percy, A. H., tide charts of the English and British Channels and entrance of the Thames, xiii. 511
- Pereira, Ricardo S., the United States of Colombia, v. 306 †
- Pereiras, Portuguese explorers, viii. 511, 512
- Perené river, Peru, xiv. 386, 387
- Pérez, L., *Geografía General del Nuevo Mundo*, xi. 189 †
- Pergamos, Acropolis of, Mr. Humann's discovery of the, iv. 568
- Perier, Capt., on connection of African survey with the Hispano-European network, i. 806
- Perim, Island of, occupation of, vi. 629, vii. 106
- Periplus of the Erythræan sea, xiii. 517
- Perkins, H. T., Notes on a Journey to Mount Roraima, vii. 522 †; remarks on Im Thurn's paper, xiv. 687
- Perles, *Reisekarte der oesterreichisch-ungarischen Monarchie*, ii. 396
- Peruambuco, temperature of, viii. 363; trade and circulation, v. 535
- Perongie, *Journal de la N. v. Z. l. v. i.*, vii. 202
- Peroz, Capt. E., Survey of Milo and Bure valleys, x. 379; *Au Soudan Français*, xi. 513 †
- Perret, P., *Les Pyrénées Françaises* †, iii. 574, iv. 573, vi. 607
- Perrier, Gen., explorations in Tunis, iii. 566; on maps of Algeria, vi. 293; on artesian wells and oases in Ued Rûr, ix. 254
- Perrin, Col., on the pass of Hannibal, viii. 641, 642; *Guide du Haut-Dauphiné* (in part), ix. 710 †
- Perrin's *Kafir-English Dictionary*, i. 204
- Perrott, Major Sir H., on Houghton, the African Explorer, ix. 693
- Perry, O. L., on Mr. Sharpe's journeys in the Zambesi region, xii. 751
- Perry, Rev. S. J., on Noss-vey and the South-West of Madagascar, v. 674
- Persano, E., *Guida per i Sorgitori della Costa Occidentale d'Italia*, ii. 521 †
- Persarum et Macedonum Imperia, map of, Kiepert, xi. 401
- Persopolis range, Persia, v. 143
- Persia—
 And the Persian Question, Curzon, xiv. 658 †
 And the Persians, Benjamin, ix. 205 †
 An European in, Scréna, iii. 442 †
 As it is, Wills, ix. 131 †
 Boundary between Russia and, Journeys on the, Radde, viii. 534 †; the new, iv. 213
 Central, various means of Communication with the Sea, Bateman-Champain, v. 121 †
 Commerce of, Stolze and Andreas, vii. 404 †
 Desert of, Journey Across the Western portion of, Biddulph, xiii. 645 †
 Early Adventures in, Layard, x. 178 †
 Eastern, Vaughan's Journey in, Goldsmid on, xii. 577 †
 Eastern Border of, Stewart on, viii. 137 †
 Embassy from, to Khiva, Riza Qouly Khan's, Schefer, i. 810 †
 Explorations in, i. 332, xii. 380, xiii. 386
 Geographical knowledge of, progress of, since 1830, iii. 618
 Geological formation of mountains of, v. 149
 Journeys in, Mrs. Bishop, xiv. 258 †; from Mohammera to Ispahan, Mackenzie, iv. 132
 Maps of—general staff, Caucasian Army, iv. 450; R.G.S., memorandum on, with lists of maps used, Curzon, xiv. 69, *et seq.*
 Northern, Route Surveys in, 1881-82, Lovett, v. 57 †; Russian merchants in, v. 171
 North-West, Journey in, Rees, viii. 394 †
 Population of, vii. 460
 Railway projects in, and their difficulties, xiv. 660
 Roads from, to the Merv country, iii. 542
 Shah of, on the New Lake between Kom and Teheran, transl. Houtum-Schindler, x. 624 †
 Six Months in, Stack, iv. 646 †
 Southern, English trade in, v. 134; mountain range of, xii. 534, *et seq.*; Surveying Tours in, Wells, v. 138 †; through, Babin and Houssay, xiv. 723
 South-West, Commercial Geography of, Curzon, xii. 509 †; journeys in, Baring and Wells, v. 123, 129; variability of temperature of, v. 156
 Telegraph line through, to Kurrachee, v. 138

Persia—continued—

- Trade of, Abbot's report on, xi. 404;
trade routes of, Law on, xi. 242; *id.*,
Trautenberg and Von Rausch, xii.
572 †; between North and South, v.
130, 131; between India and, xiv. 123
Travels in, Chardin, xiii. 243 †
Work on, Bassett, viii. 798 †
Persian Parsakh, Length of, Houtum-
Schindler, x. 584 *
Persian Gulf, Lieut.-Col. Ross's report on,
ii. 635; trade in the, v. 135; *id.*, and
harbours, xi. 512 †
Perspective and common maps, Clayden
on, x. 668
Perthes centenary, vii. 672; map of Africa,
vii. 837; *id.*, spelling of names in, xiv.
776
Perthes, Justus, Elementar Atlas, etc., vii.
496
Peru—
Amazon Provinces of, for European
Emigration, Guillaume, x. 178 †
Archæological and Ethnographical
Studies in, Wiener, ii. 142 †
Atlas, geographical, of, ix. 790
Auriferous deposits of, Mansfield on,
xii. 424
Coast Geography of, Gormaz, i. 812 †
Dictionary, Geographical, of, Paz Soldan,
i. 78 †
Efforts for the opening up of, xiv. 392
Explorations in—xii. 382; Guillaume,
xi. 694; Hettner, xii. 291, xiii. 47;
James, ix. 505 *, Ross (Ucayale), xiv.
382 *
From Peru to the Plate, Overland,
Evans, xi. 752 †
Geographical Society of, new, x. 384;
progress of, xiv. 50
Littoral Provinces of, Notes on, Vidal-
Gormaz, iii. 116 †
Map of, Raimondi, xiii. 697, xiv. 67
Meteorology and Climate of, Carranza,
xiv. 504 †
Railways in, xiv. 562
Rainfall on coast of, xiv. 394; rainy
period in Southern, Douglas on, xiv.
861
Researches in, Raimondi, xii. 763
Route from, to the Amazons, Ordinaire's
new, x. 650
Sugar cultivation in, xiv. 394
Varias Relaciones del, etc., i. 742 †
Visit to, Ellis, xii. 227, 228
Works on, Markham, ii. 710 †; Rai-
mondi, v. 306 †
Perucca, A., In Birmania, viii. 601 †
Peruvian bark, Markham, iii. 62 †
Peruvians at Home, Cole, vii. 56 †
Pescadores islands, vii. 4, 400
Peschel, O., Physische Erdkunde, i. 409 †;
Europäische Staatenkunde, etc., ii.
324, vii. 696; Abhandlungen zur Erd-
und Völkerkunde, vii. 696 †
Pet and Jackman, Capts., Arctic expe-
dition of, ii. 5

- Pet (Jugor) Strait, i. 21 *note*
Petchikapore, Lake, Labrador, x. 199
Petchora, region of the, journeys in,
Ivanitzky, v. 391; Rabot, xiii. 36; Visit
to the (Siberia in Europe), Seeböhm, ii.
780 †
Petchora Sea, ice in the, v. 661, 662
Peten, Lake of, Guatemala, v. 191
Petermann, Dr. A., obituary of, i. 133;
Wandkarte von Deutschland, ii. 272, v.
183
Petermann's Geographische Mittheilun-
gen, change of editorship and scheme
of, vi. 665; index to, ix. 62
Peters, Dr., founding of East African
Company by, ix. 490, 491; journey in
East Africa, xii. 135, 699; Reise in
Ostafrika (map), xii. 710; Stanley and
Emin Pasha, xiii. 54 †; New Light on
Dark Africa, etc., xiii. 506 †
Petersen, Carl, obituary of, ii. 514
Petershöhe, E. Africa, ix. 493
Petherick, E. A., Catalogue of the York
Gate Library, ix. 134 †
Petherick, John, obituary, iv. 700; his
position of Khartum and Gondokoro,
xi. 643
Petit, M. L., journey on the Congo, iv.
508; on the river Chiloango, West
Africa, v. 175
Petitot, E., discoveries in N. America, ii.
578; Back prize awarded to, v. 297, 361,
422; on the Athabasca District, v. 633;
Les Grands Esquimaux, ix. 650 †; En
Route pour la Mer Glaciale, x. 179 †;
Traditions Indiennes du Canada Nord-
Ouest (1862-82), x. 743 †
Petrelius, A., Die Kartographischen Ar-
beiten der Expedition von 1891 nach
der Halbinsel Kola, xiv. 866 †
Petri, Dr. Z. Y., on the aims and scope
of geography, x. 180
Petrie, W. F., Wind-action in Egypt, xi.
646 †; Tel el Hesay, xiv. 132 †
Petroff, Ivan, map of Alaska, iv. 711;
on Nelson's journey in Alaska, iv. 660;
Report on the Population, etc., of Alaska,
vii. 693 †
Petroleum, Deposits on the Red Sea,
Ardagh, viii. 502 †; in the Trans-
Caspian region, viii. 149, 150; of the
Future, Marvin, vi. 100 †
Petrovsky, M., xiv. 228
Petrusévitch, Col., on the old channels of
the Oxus, i. 403
Petteh, Mount, Niger basin, xiii. 542
Petters, H., Karte vom Kaisergebirge in
Tirol, ii. 591; Karte der Alpen vom
Bodensee bis Wien und Triest, iv.
579
Pettersen, Dr. Karl, on the weather in the
Arctic seas, ix. 683
Pettersson, Prof., on the hydrography of
the Kattegat and Baltic, xiv. 627
Peulhs, the, De Crozals, v. 371 †
Peutingersche Tafel, Weltkarte des Cas-
torius genannt die, x. 183

- Pevtzof, Colonel, Expedition in North-Western Mongolia, Morgan on, i. 701; in Central Asia, xi. 170, 563, xii. 98, 379, xiii. 36, 180, 383, xiv. 801; Roborovsky's Letters on, xii. 19*, 161*; Account of, transl. Morgan, xiii. 99*
- Peyret, Alejo, Cartas sobre Misiones, viii. 603†
- Pezet, Señor, on exploration in Peru, xiv. 392
- Pfaff, F., Der Mechanismus der Gebirgsbildung, ii. 74†
- Pfeil, L., Kometische Strömungen auf der Erdoberfläche, i. 744†
- Pfeil, Count, journeys in E. Africa, ix. 47, 340, x. 94; treaties in the same, ix. 492; explorations in New Guinea, x. 591, xi. 412; on the Bismarck Archipelago, xii. 238
- Phalangis, ancient town of Africa, xiii. 528; distance from Rhaptum to, xiii. 546
- Phalut, position of, viii. 186 *note*
- Pharaohs, Fellahs, and Explorers, Edwards, xiv. 661†
- Phayre, Lieut.-Gen. Sir A., receives medal for Mr. Colquhoun, vi. 416; death of, viii. 52; obituary of, vi. 103
- Philips, E. G., receives medal for Major Greely, viii. 466
- Phené, Dr. J. S., on Cyprus, i. 105; examination of the Balearic islands, ii. 653; on changes in coast-lines, xiii. 630
- Philibert, General, La Conquête pacifique de l'Intérieur Africain, xi. 514†
- Philip, G., handy-volume atlas of the world, iv. 466; maps by, Derbyshire, iii. 117, London and environs, x. 400, Middlesex, iii. 117; revolving planisphere, ix. 68; Orrery, xiii. 640
- Philopot, N. M., memoirs of the Russian Geographical Society, xiii. 130
- Philippi, Dr. R. A., on changes in the flora of Chili, viii. 786
- Philippine islands, explorations in, Miklukho-Madlay, iv. 770; Montano and Rey, iii. 184, 760; Historical, etc., Sketch of, Foreman, xiii. 691†; map of, vii. 775; Negritos of the, v. 46; Spanish Language in, Vocabulary of, Blumenritt, iv. 574†; voyage to, Montano, viii. 62†
- Philippson, Dr., Studien über Wasser-Schillen, ix. 61†; on the settlement and commerce of the Morea, x. 801, 802
- Philips, W. W., on the Sport in the Caucasus, iv. 119†; Savage Svānetia, vi. 100†; on the fauna of the Caucasus, vii. 601 *note*; a Sportsman's Eden, xi. 59†
- Phillips, G., on Mashona and Matabele Lands, xiii. 20; on the ruins in Mashona Land, xiii. 105
- Phillips, Professor, on the geological formation of the Kaap Valley, x. 442
- Philp river, New Guinea, ix. 598
- Phipson-Wybrants, Capt., expedition to Umzila's country, ii. 627, iii. 221, 305; survey of the Sabi river, v. 271; illness and death of, v. 274; obituary of, iii. 238
- Phœnicia, History of, Rawlinson, xii. 182
- Phœnician ruins in Africa, xiii. 19
- Phœnicians in the Mediterranean, xii. 626
- Phœnicopterus roseus*, Savah lake, x. 631 *and note*
- Photography and Exploration, Thomson, xiii. 669*; as a means of surveying, Tanner, xiv. 714; (celestial) as a handmaid to geography, Schlichter, xiv. 714
- Phou'ons, country of the, Indo-China, vi. 350
- Phu, or Thank-moi, town, viii. 241
- Phu-lang-thuong, China, xii. 249
- Phylawax-Sham plain, i. 56
- Phyöng-kang district, Corea, gold-washings of, vii. 608; fields of lava in, viii. 305
- Phyöng-yang, town of, viii. 299, 300
- Physical geography. *See* Geography.
- Physical Observatory, Annals of the Central, edit. Wild, viii. 274†
- Physiography, illustrations, Johnston's standard series, vi. 364; Manual of, Harrison, i. 814†; Outlines of, Lockyer, ix. 720†; Text-book of, Hall, xi. 192†; (Elementary), Thornton, x. 255†; (Advanced), Thornton, xii. 365†
- Piacenza, province of, topographical map of, xi. 521
- Piassetsky, M., on China and its inhabitants, iii. 57; Voyage à travers la Mongolie et la Chine†, vi. 54, Engl. transl., vi. 425
- Piat, A., Projet de création d'un Port de Guerre à Canton, ix. 517†
- Picaque, A., B., iv. 675
- Pich river, Hindu Kush, i. 113
- Pichan, Turkistan, x. 499, xiii. 210
- Pichard, M., bequest to Paris Geographical Society, vii. 550
- Pichincha mountain, xiv. 128
- Pichio river, Peru, ix. 607
- Pichu-pichu, Mount, Pern, xii. 229, xiii. 48
- Pickersgill, Mr., on Sibree's paper on Madagascar, xiv. 751
- Picquie, A., on the population of Cape Verd islands, iv. 231
- Pictet, M., on the earliest Indo-European races, vi. 164, 165
- Pictou island, Mackay, xiv. 728†
- Pied, Rev. —, De Porto-Novo à Oyo, xiv. 727†
- Piedmont glacier, Alaska, xiii. 83
- Pierce, Josiah, on the United States geographical and geological survey, ix. 704; on the Plane Table for Topographical Surveying, x. 608†
- Pierrepont, Ed., Fifth Avenue to Alaska, vi. 426†
- Pietri, M., map of the Upper Senegal and Niger, iv. 520
- Pivtsov, Col. *See* Pevtzof.

Pirafetta, F., report of the kingdom of Congo, etc., transl. Hutchinson, iii. 247;
 Le Congo, vi. 171 †
 Pigeonneau et Drivet, France physique et politique (map), i. 154
 Pigmies of Central Africa, xii. 317
 Pigot, visit of the, to Christmas island, x. 614
 Pigott, J., journey to the Upper Tana, xii. 129*, xiv. 531; explorations in East Africa, xii. 377
 Pigott, D., on Mr. J. Pigott's journey, xii. 136
 Pike, W., the Barren Grounds of Northern Canada, xiv. 661 †
 Pilcher, W., Spanish Honduras, xii. 699
 Pilcomayo river, iii. 407, vi. 161, 231, 347, viii. 337, xi. 131, 133, xii. 672; expeditions to—Argentine Government, vii. 399; Crevaux, iv. 239, 243, 563; Fernandez, ix. 581; Marguin, v. 496; Page, xii. 618, xiii. 39; Storm, xiii. 39; Thouar, viii. 101. 526, x. 597, 598
 Pilling, J. C., Bibliographies of the Eskimo and Siouan Languages, xiv. 794 †
 of the Muskloge: xiv. 794 †
 xii. 707 †; of the Algonquian, xiv. 573 †
 Pilot, Rev. W., Geography of Newfoundland, xiv. 63 †
 Piltan lake, and Plain of Stone, ix. 562
 Piltara tribe, Australia, xi. 670
 Pim, Capt. Bedford, obituary of, viii. 725
 Pina, A de, Deux Ans dans le Pays des Épicos, ii. 201 †
 Pinart, M. Alfr., expeditions in Central America, iii. 758, 759, iv. 385, vii. 396; on the State of Panama, ix. 54
 Pinarus, identification of the, with the Piyas, Wilson, vi. 320, 540; Ainsworth on, vi. 468
 Pinda mountains, Central Africa, xii. 718
 Ping-yang-fu, xii. 61
 Piri-piri river, Bolivia, v. 318
 Piukas, J., Report on Railway Survey between the Madeira and Mamore, viii. 345 †
 Pinkerton, Mr., expedition in Central Africa, ii. 765
 Pin-lang-kiang river, vii. 308
 Pinto, Major Sarpa, Journey Across Africa, i. 272, 383, 481*, ii. 409; on the tribes of Africa, i. 686; the basin of the Upper Zambesi, i. 688; How I crossed Africa, iii. 319 †; expedition into Central Africa from Mozambique, vii. 44, 119, 337, viii. 127, 722; O'Neill on the same, vi. 744; journey up the Zambesi, xii. 714
 Pizoun and Solis, voyage of, to America, xiv. 610, 612
 Pioneer peak, Himalayas, xiv. 704
 Piper, Count, receives medal for Lieut. Palander, ii. 448
 Pir Girda Kuh mountain, Northern Persia, v. 77
 Pir Panjal-Dhawaladhar ridge, Himalayas, v. 616

Piracicaba town and river, San Paulo, ix. 109, 110
 Pirapora, temperature at, viii. 363
 Pirara river, British Guinea, ii. 484
 Pisani, Mount, geological map of, xii. 506
 Pishin, and the Routes between India and Candahar, Biddulph, ii. 212*; Tal-Chotiali route from India to, Vyso on, ii. 318; valley, ii. 538, 539; Gore on, i. 728
 Pishirt, Persia, v. 72
 Pisogo hill, Colombia, v. 262
 Pitcairn, W. D., Two Years among the Savages of New Guinea, xiii. 637 †
 Pitcairn island, the People, etc., of, Murray, vii. 832 †
 Pitman, C. B., Across Thibet, translated by, xiv. 194 †
 Pittier, M. H., explorations in Costa Rica, xiii. 300, 301; on the climate of Costa Rica, xii. 565; Viaje de Exploracion al Valle del Rio Grande de Terraba, xiv. 342 †
 Plum, fly. See Kaboora.
 Piura, cotton district of, Peru, xiv. 393
 Piyas river, vi. 320, 468, 540
 Place-names, Burgess on, xiv. 712
 Plagemann, Dr. A., explorations in the valley of the Cachapual, ix. 248
 Planisphere, Philip's revolving, ix. 68
 Plankton expedition, German, results of the, xii. 115
 Plantamour, E., Nivellement de Précision de la Suisse, ii. 655 †
 Plant-dispersal, the Thames as an agent in, Guppy, xiv. 798
 Plantel, E., Correspondance des Deys d'Alger avec la Cour de la France, 1578-1833, xii. 301 †
 Plata, La, Statistics, etc., of, Coni, viii. 407 †; History of the Provinces of, Guzman (1612), viii. 211 †
 Plata, Rio de la, or Plate River, and Chili in 1891, Morant, xiii. 740 †; basin of the, viii. 360; Conquest of the, 1535-1555, xiii. 186 †; Handbook of the, Mulhall, vii. 488 †
 Playfair, G. M. H., Cities and Towns of China, ii. 589 †
 Playfair, Sir Lambert, on changes in Tunis and its condition since the French Protectorate, vii. 750, x. 719; Handbook to the Mediterranean †, iii. 501, v. 182; Visit to the Id. of Jerba in the Syrtis Minor, viii. 396; Tour in Tunisia in 1885, viii. 522; the Scourge of Christendom, vii. 674 †; Journey in Western Algeria, viii. 733; and Tunisia, ix. 206; information on Algeria, x. 166; report on the commerce of Algeria, x. 30; on the future of East Africa, x. 731
 Plechawski, E., Eisenbahn- und Weltzeitkarte Mitteleuropas, vii. 773
 Pleignour, Capt., death of, ix. 775
 Plenty creek, Central Australia, i. 335
 Pliny, on the River Maud, v. 715

- Plowden, Mr., on desirability of a railway between Bagdad and Khanakin, v. 124; on Massowah, vii. 98
- Plunkett, Major G. T., Vocabulary of P. viii. 747 †
- P. Herms: the Hawkins Family, M. S. Hawkins, xi. 115 †
- Plymouth, navigation schools at, iv. 307
- Plymouth rock, new mission station on Tanganyika, ii. 248, v. 165
- Po-ch'en, Korea, xiv. 152
- Podene island, vii. 173 *note*
- Podgaetsky, L. I., on the Murman coast of Lapland, xiii. 187
- Poestion, J. C., Iceland, vii. 765 †
- Pogge, Dr., Im Reiche des Muata Jamwo, ii. 140 †; expedition (with Wissmann) in West Central Africa, iii. 311, 372, iv. 107, 572, 683, v. 163, 381; Scientific Results of the same, vi. 88 †; his death, vi. 285, 342
- Pogoung-toung mountain, iv. 322
- Pohl and Widimsky, Eisenbahn-Karte d. oestlichen Europa, iii. 697
- Pohle, H., Itiner Aufnahmen in 608
- Poinsot, M. Julien, map of a reconnaissance in Central Tunis, v. 686
- Point Barrow, meteorological station at, iv. 570
- Poiré, E., La Tunisie Française, xiv. 342 †
- Poinier, Leon, bequest to Paris Geographical Society, iv. 765, vi. 478, ix. 54
- Pojicha Indians, Brazil, x. 69
- Pokomo tribe, W. Africa, xiv. 516
- Po-kyei-san mountains, Corea, vii. 609
- Pola, its past, present, and future, ix. 712
- Pola, voyages of the, to Jan Mayen, iv. 423, 689, v. 486, 554; deep sea explorations of, in the Mediterranean, xiv. 121
- Polak, J. E., Persien, Das Land und Seine Bewohner, xiii. 244 †
- Polak, R., explorations of the affluents of the Rio Purús, ii. 369, 570
- Polakowsky, Dr. H., Die Neuesten Reisen zur Durchforschung von Costa Rica, vii. 488; Entdeckung und Eroberung von Chile, viii. 346 †; on the Cunos, or Tull Indians of Darien, viii. 723; Prof. Pittier's Forschungsreise durch S.W. Costarica, xiv. 729 †
- Poland, Reymann's map of, v. 683
- Polak. *See also* Arctic, Antarctic, and North Pole.
- Conference, International, at Hamburg, 1879, i. 738; at Berne, 1880, ii. 638; at St. Petersburg, 1881, iii. 635
- Current off East Greenland, saltness, etc., of, vi. 572
- Discovery, route for future, i. 31
- Expedition, Nansen's proposed, xii. 177, 306 †, 467, 566
- Ice, formation of, viii. 163; metamorphosis of, Weyprecht, i. 153 †; movement of, viii. 173; phenomena of, Weyprecht, i. 539 †
- Polar—continued—
- Meteorological expeditions and stations, ii. 363, 388, iv. 333, 570, v. 377, 378; Austrian, iv. 234, 292, 423, 499, 607, 689, v. 378, 486, 554; British, iv. 293, v. 378; Danish, iv. 232, 233, v. 166, 603; Dutch, iv. 233, 499, 549, v. 166, 176, 378, 486, 556, 603; Finnish, vi. 581; German, iv. 234, 293, 569, v. 378, 555; Norwegian, iv. 549, v. 378; Russian, iii. 113, iv. 91, 232, v. 231, 378, 390, 406; Swedish, iv. 293, 499, 549, 608, 753, v. 378, 486, 554; United States, iii. 484, 735, iv. 232, 608, 690, v. 378, 602; observations of the same †, ix. 263, 522, x. 110, xi. 319, 514; at Fort Rae, viii. 749 †
- Question, the, Dancenhower, viii. 346 †
- Regions, climate of, in former ages, Hooker, i. 68; depth of permanently frozen soil in, ii. 579, Brit. Ass. Committee on, vii. 674, reports of the same, Lefroy, viii. 740 *, ix. 769 *; north, map of, v. 183; population and area of, xiii. 28, 689; Russian, map of, ix. 137
- Stars, Catalogue of 130, for the Epoch of 1875–80, Rogers and Winlock, ix. 525 †
- Pole, North Magnetic, Expedition to, xiv. 729 †
- Poliakof, J. S., expedition to Saghalien island, iii. 490, iv. 109, 610; reports on China, vi. 477; Journey through Saghalien, vii. 53 †
- Polianovsky, M., work in the Trans-Ussurian province, xi. 312
- Pollen, Lieut., surveys in Upper Burma, xii. 386
- Polo, Marco, on Madagascar, i. 647; on the Lolo people, etc., v. 447; road from Kärman to Ka n, viii. 144
- Polochie, Rio, Guatemala, v. 189
- Poltoratski, M., Russian geographical work of, ix. 423
- Polu, road from, to Rudokh, ix. 732
- Polynesia, Dialects of, Malay, etc., compared, Pratt, ix. 522 †; Dutch possessions in, map of, Hassenstein, vii. 414; Finsch's explorations in, iii. 180; Flora of, del Castillo on, xii. 297; Western, Cruises in, 1882–84, Bridge, viii. 545 *
- Polynesians, the, Their Origin, etc., Lesson, ii. 142, vi. 484 †; in New Guinea, vi. 209, 210
- Pomerania, New Geographical Society in, iv. 244
- Pomerun river, Guiana, xiv. 669, 670
- Pomoi river, Central Africa, xii. 152
- Ponapi or Ascension island, Carolines, iv. 93, viii. 558; prehistoric structures at, vii. 385
- Pond, Peter, explorer of Lake Athabasca, v. 648
- Pondoland, Précis of information on, viii. 406 †
- Poncl, M. E., journeys in the Congo basin, ix. 514, xiii. 561

- Ponghou harbour, Pescadore islands, vii. 4
 Pongola river, Zululand, i. 326
 Ponta da Lenha settlement, West Africa, v. 697, 704
 Ponta-Negra, West Africa, v. 361
 Pontine marshes, drainage of the, Von Donat on, xiv. 421
 Pontoise, from, to Stamboul, About, vi. 168 †
 Poole, G. P., on Klerksdorp Goldfields, xii. 355
 Poopo, Lake, Bolivia, iv. 648, 672
 Poore, town of, viii. 688
 Popelin, Capt., death of, iii. 758
 Popo, Little, W. Africa, vii. 377
 Popocatepetl peak, ascent of, Packard, viii. 335; height of, xii. 754
 Popoff, C., What I Believe, Tolstoi, translated by, viii. 605 †
 Popoloco tribe, Vera Cruz, ix. 568, 570
 Popos, or Egun tribe, W. Africa, xii. 600
 Population, centre of, in the United States, xiii. 230; distribution of, in the same, Gannett, xiii. 230, 612; of the earth, Levasseur on, ix. 763
 Porce river, valley of the, Colombia, v. 250, 254
 Porcher, Capt., obituary of, i. 367
Porcupine, H.M.S., survey work of, i. 369, iv. 551
 Porphyry quarries of Egypt, visit to the ancient, Brindley, ix. 692
 Port Hamilton, annexation of, vii. 340
 Port Lloyd, Bonin islands, xiii. 371
 Port Moresby, New Guinea, ii. 608
 Port Philip, Victoria, Historical records of, Shillinglaw, i. 470 †
 Portal, G. H., My Mission to Abyssinia, xiv. 132 †; report on the industrial condition of Zanzibar island, xiv. 240
 Porter, J., and Jones, Messrs., the West: from the Census of 1880, iv. 325 †
 Portland islands, Mr. Brown's visit to, iii. 219
 Portman, M. V., manual of the Andamanese languages, x. 176; the Exploration and Survey of the Little Andamans, x. 567 *
 Porto-Novo à Oyo, Pied, xiv. 727
 Porto Rico, topographical map of, ix. 65
 Portugal, geographical education in, de Mello on, x. 651; Government map of, x. 745; Journey through, Müller-Beeck, vi. 98 †; Old and New, Crawford, ii. 458 †; Round the calendar in, *id.*, xiii. 52 †; the Armed Strength of, Gleichen, x. 538 †
Portuguese—
 Charts, xii. 192, 576, 776, xiii. 575, xiv. 67
 Colonies, condition, etc., of, De Bulhoes, i. 151 †; History of Journalism in, viii. 409 †
 Discoveries, etc., early, x. 208, 209; in 16th and 16th centuries, Do Betten-court, v. 434, xii. 362; in Madagascar, i. 650

Portuguese—continued—

- Embassy to Abyssinia, 1520-27, Alvarez, iii. 763 †
 Expeditions—in Africa, i. 130, 272, 330, 360, ii. 41, 587, 647, iv. 500, v. 33, 381, 405, vi. 464, vii. 44, 119, 337, viii. 329, 507 *, 722, (to Mpesene, Wiese), xiv. 808 †, (to Muata Yanvo, Marques), xi. 574 †; to Arctic Regions, vii. 542
 Explorations in Africa, recent, Batalha-Reis, xi. 686
 Possessions in Africa, xii. 656, 657; on the Congo, vii. 229; new frontier between the Transvaal and, Jeppe on, xiv. 633
 Posen, wall map of the province of, x. 113
 Posewitz, Dr. S., Karte der Alluvial-Bildungen in Banca, viii. 608; Borneo: Entdeckungsreisen und Untersuchungen, xi. 512 †
 Possession bay, Hayter island, v. 508
 Post, Prof. G. E., the Chains of Cassins and Amanus, viii. 94 *
 Potagos, Dr. P., journeys of, in Asia and Africa, ii. 386
 Potanin, M., expedition to the Yenisei, i. 342; in Central Asia and China, ii. 779, v. 430, vi. 163, viii. 401, ix. 54, 233 *, 424, 442; Ochotki Severo-Zapadnoi Mongolii, iv. 119 †; Travels in Mongolia, vii. 830 †
 Potaro river, portages on the, vii. 498
 Potel, M. A., on the basin of the La Plata, etc., vii. 396
 Poti, English trade through, to Baku and Persia, v. 135, 136
 Potiche, Vicomte de, La Baie du Mont Saint-Michel et ses approches, xiv. 806 †
 Potoso tribe, viii. 250
 Potsdam, map of the district of, ix. 327
 Pouchet, Professor G., En Islande, xiv. 866 †
 Pounghyin village, Upper Burma, xi. 208
 Pourtales, M. de, on the volcanic eruption of Krakatau, vi. 162
 Poussié, Dr. E., Manuel de Conversation en Trente Langues, xiv. 198 †
 Pouyanne, J., Note sur l'établissement de la Carte entre le Tonat et Timbuktou, vi. 356 †
 Povindah tribe, i. 53
 Powell, G. H., murder of, in Burma, x. 591
 Powell, Major J. W., Reports of the U. S. Bureau of Ethnology †, vii. 694, viii. 537, xiii. 306; of the Geological Survey †, viii. 537, xii. 707, xiii. 307, xiv. 342; on forest growth on arid lands, x. 793
 Powell, Wilfred, explorations in New Britain, etc., ii. 645; on New Guinea and neighbouring Islands, iii. 84 *: Wanderings in a Wild Country, v. 433 †; Visits to the Eastern and North-Eastern Coasts of New Guinea, v. 384, 505 *: new expedition to the same, vi. 36, 219

- Practical Astronomy, etc., instruction supplied in, Markham on, iv. 296 *
- Prague, plan of, and environs, Hurtig, ix. 592
- Prah river, Gold Coast, v. 38
- Prahsue, sketch-maps of, and routes to, by Intelligence Branch, War Office, iv. 254
- Prairie hills, Selkirk range, xi. 159, xiii. 554
- Prairies, Treelessness of, Christy on, xiv. 78 *; Whitney on, xiv. 81
- Prallert, Herr Emil, on Dr. Fischer's expedition, v. 478
- Prasum, Cape, E. Africa, vii. 442; Ptolemy's position of, xii. 545
- Pratapaditya, Raja in Bengal, viii. 284
- Pratt, Archdeacon, on the Himalayan attraction, vii. 686, 687
- Pratt, A. E., explorations of the Tibetan borderland of China, xiii. 171, 329*, 385; award of Gill memorial to, xiii. 295; to the Snows of Tibet through China, xiv. 425 †; projected expedition across South America, xiv. 326
- Pratt, Rev. G., Polynesian, Malay, etc., Dialects, compared, ix. 522 †
- Preece, J. R., journey from Shiraz to Jask, vii. 126
- Prejevalsky, General, From Kuldja to Lob Nor, i. 147 †; Patron's medal awarded to, i. 399, 466; third journey in Central Asia, i. 124, 208, 384, 715, ii. 312, 408, 566, 697, iii. 390, (referred to), vii. 81, 688; his description of the Gobi, iv. 638; work on his expeditions, iii. 179; on his Third Journey †, v. 431, 495, German transl., vi. 752 †; work and journeys of, v. 43; Vega medal conferred on, vi. 352; fourth journey, v. 175, 552, vi. 163, 290, 371, 477, 592, vii. 167, 169, 383, 807, viii. 28, 424; on gold in Tibet, vii. 544; promotion of, viii. 339; publication of results of recent journeys, ix. 50; his Journeys and Discoveries, Morgan on, ix. 213 *; From Kiachta to the Sources of the Yellow River, etc., x. 738 †; new expedition, x. 378, 711; his death, x. 800; obituary, xi. 44; Biographical Sketch of, Dubrovin, xii. 363 †; on commercial enterprise in E. Turkistan, xii. 93; scientific results of his travels, Maximovitch, xii. 571 †
- Prendergast, Colonel, exploration of the Tal-Chotiali route between India and Candahar, i. 334
- Preston, F. D., Determination of Latitude, etc., for the Hawaiian Government, xiv. 576 †
- Pretoria, map of the Goldfields of, Tröye, x. 114
- Price, J. M., from the Arctic Ocean to the Yellow Sea, xiv. 426 †
- Price, W. S., my Third Campaign in East Africa, xiii. 184 *
- Prida y Arteaga, F. de, Le Mexique tel qu'il est aujourd'hui, xiv. 874 †
- Prieto, Cape, latitude of, xii. 415
- Prime meridian, the, Colonel Holdich on, xiii. 615
- Prince William Sound, Alaska, ix. 277
- Princes, Islands of the, Schlumberger, vi. 635 †
- Prince's river, sketch survey of, Cameron, iv. 501
- Princeps, map of the island of, ix. 211
- Pringle, Capt., on Lugard's journey to Uganda, xiv. 840
- Pringle, M. A., Towards the Mountains of the Moon, vi. 357 †
- Prinsep, V. C., Imperial India, i. 344 †
- Procopius, on the Buildings of Justinian, transl. Stewart, ix. 323 †
- Frontschicoff, Lieut., Arctic Expedition of, i. 19
- Proscholdt, Dr. H., Der Thüringer Wald und seine nächste Umgebung, xiii. 302 †
- Proskowetz, Dr., Vom Newastrand nach Samarkand, xii. 52 †; Eine Fahrt nach Russisch-Asien, xii. 571 †
- Prospector's Handbook, Anderson, viii. 130 †
- Prosser, W., general plan of gold and other farms in the district of Lydenburg, vi. 361
- Proteus, wreck of the, v. 602, 733
- Prout, Col. H. G., position of Khartum, xi. 643
- Providence island, Indian Ocean, visit of the *Alert* to, v. 596
- Pruen, S. T., the Arab and the African, xiii. 376 †
- Prussia—
Census of, 1885, preliminary results of, viii. 270
Geological maps of, iii. 251, v. 308, xii. 252
Hydrographic charts, iii. 446.
Maps of—vii. 778; Bamberg (school wall), xiv. 136; general staff (*see also* Germany), i. 746, ii. 74, 204; West, v. 115; Handtke, xi. 702
Prussian Geodetic Institute, Publications of the †, viii. 539, ix. 57, x. 47, 480
Pryer, W. B., explorations in North Borneo, iv. 116, v. 384, x. 140; notes on North-Eastern Borneo and the Sulu Islands, v. 99 *; on the trade and resources of British North Borneo, x. 797, xi. 376
Pshak-saide village, Central Asia, xii. 20
Pteris aquilina, vii. 510, 512
Ptolemaic maps, Lake Moeris in, Whitehouse, xii. 684
Ptolemy, description of Eastern Equatorial Africa, transl. Schlichter, xiv. 541 *et seq.*; his Geography, reproduction of MS. on Mt. Athos, xiii. 189 †; edition of 1597 added to R.G.S. library, xii. 186; his latitudes, xii. 619; map of Italy, xiii. 621, 622; method of drawing maps, xiii. 520, 521; Topography of Eastern Equatorial Africa, Schlichter, xiii. 513 *

Publications of R.G.S., reports on, i. 463, ii. 442, iii. 428, iv. 428, v. 414, vi. 412, vii. 470, viii. 462, ix. 449, x. 462, xi. 446, xii. 483, xiii. 500, xiv. 482

Public Schools' Historical Atlas, edit. Colbeck, vii. 272

Public Schools prize medals, award of, i. 468, ii. 452, iii. 434, iv. 433, v. 422, vi. 418; discontinuance of, vi. 152, 419

Pucara, altitude of, Peru, xii. 229

Puechstein, O., and K. Humann, Reisen in Kleinasien und Nord Syrien, xii. 703 †

Pueblo Viejo, Rio, Guatemala, v. 189

Pu-erh, tea of, Yunnan, iii. 565 *note*

Puget sound, British Columbia, xiii. 67, 69

Pugh's Almanac and Queensland Directory †, x. 479, xiii. 571

Pul-i Dellak, Persia, x. 628 *note*

Pul-i-katún, v. 11; bridge of, vii. 277, 572

Pul-i-Kisti, Afghanistan, vii. 281, 562

Pul-i-murt, S. Persia, v. 161

Pul-i-Talkh, Persia, v. 140

Pul-i-Wargan, v. 144

Pulkova, observing station at, xiii. 170

Pullen, Commander T. F., obituary of, xi. 738

Pumlumpun hill, Upper Burma, xiv. 162

Pumpelly, R., northern trans-continental survey of United States (map), vi. 175; Report on the Mining Industries of the United States, etc., ix. 522 †

Pundin mountain, Himalayas, vi. 68, 438

Pungwé river, viii. 510, ix. 622, xiv. 301; hand-drawn map of, xiv. 67

Purcell, W., and J. Arnold, viii. 340 †

Punjab, the, Gazetteers of †, vii. 50, 485, xi. 187; Handbook of, Eastwick, v. 743 †; population of, xiii. 612; probable Changes in the Geography of, and its Rivers, Oldham, ix. 713 †; Rivers of the, MacLagan, vii. 705*; Reports on Administration of, xiii. 303 †

Punmah glacier, Central Asia, x. 512

Puno, Peru, altitude of, xii. 229

Punta arenas, vii. 341

Punta Paríña, position of, xiv. 126

Puraloai islands, Africa, xiii. 627, 698

Purbeck, Isle of, Picturesque Rambles in, Robinson, v. 109 †

Purnacé, volcano of, Colombia, and its ascent, v. 249, 262

Purpus, C. A., Der Pretannie-Lake bei Lytton in British Columbia, xiv. 729 †

Purtscheller, Herr, travels in the Caucasus, xiii. 724

Purúab river, xiii. 289 *and note*

Purús, Rio, affluents of the, explorations of, Duke, ii. 770, iv. 295; Polak and McCaul, ii. 369, 570; explorations between the Beni and the, Labre, xi. 496*; journey up the, Ehrenreich, xii. 239; navigability and trade of, Jones on, iii. 739

Pusht-Hajikhak pass, Koh-i-Baba, i. 192

Pusht-i-Badun, Persia, iii. 519

Putala, Capt., expedition to the Pamirs, vi. 136, 368, 508

Putiatine, Prince, discoveries of, v. 392

Puttkamer, Herr von, journey in Togoland, x. 799

Putzger, Andree, Gymnasial- und Real-schul Atlas, i. 352

Putzger, F. W., Historischer Schul-Atlas, etc., i. 416

Puy-de-Dôme, topographical map of, Reynard, iii. 508

Pyramid lake, N. America, i. 394

Pyramid, Mount, New Britain, iii. 96

Pyramid of Iaval, F., the Voyage of, transl. Gray †, ix. 590, xi. 55

Pyrenees, iv. 573; Central, map of, Schrader, v. 683; French, Perret, iii. 574, vi. 607 †; Lake Basins of, Belloc on, xiv. 630, 657 †; map of (physical), Vuillemin, i. 154; orthography of the, Schrader on, ix. 683; (Western), Carte de front des, x. 545

Pyrenean peninsula, school wall of, Bamberg, viii. 416

Pyreneos, Montes, Brazil, viii. 351, 355, 362

Q

Qahsi-rukhi, Persia, v. 145

Qariujan, ruins of, Afghanistan, vii. 589

Qazwin, map of route from, to Tabriz, Hontum-Schindler, v. 749. *See* Cazvin.

Qizil Dagh, viii. 95

Quans of Russian Lapland, ii. 600, 601

Quaipo natives, New Guinea, ix. 73

Quando, Quango, etc. *See* Kwa-

Quantamph, slave trade in, vi. 449

Quanto or Tho tribe, viii. 244

Qnanza, Qnaqua, etc. *See* Kwa-

Quaritch's General Catalogue, x. 54 †

Quarmote or Kuamut river, North Borneo, x. 140

Quat Quatta, Parish of, N.S.W. map of, v. 310

Quatata, British Guiana, ii. 478

Quatrefages, M. A. de, on acclimatization, ix. 691

Quatrelles, M., a Parisian in the Antilles, v. 679 †

Quebec Geographical Society, Proceedings of †, iii. 245, xi. 752; expedition to Lake Mistassini, vii. 244

Quebrada Andrea, S. America, iii. 718

Queen Charlotte islands, explorations of, Chittenden, vii. 462; Dawson, ii. 577; geological map of, *id.*, iii. 701; report on, *id.*, iii. 190 †

Queen's Empire, the, Moore, viii. 342 †

Queen's Highway from Ocean to Ocean, Cumberland, ix. 520 †

Queensland—

Adventures in, or Blacks and Bush-rangers, Kennedy, xi. 753 †

Branch of R. G. S. of Australasia, Proceedings of xi. 399 †

Cave formation in, exploration of a curious, i. 392

Queensland—*continued*—

- Counties of, map illustrating, xiii. 134
 Exhibits at Colonial Exhibition, Catalogue of, viii. 539 †
 Expedition across, Watson, iii. 666; excursion to western boundary of, Lindsay, xi. 651
 Maps of—xii. 370; Jack, ix. 593; Stanford, ix. 65; Surveyor-General, iii. 255
 Northern, opening up of, vi. 292
 Productive capabilities (mineral, etc.), of, map showing, ix. 267
 Pugh's Almanack and Directory of, xiii. 571 †
 Railway, proposed, to S. Australia, map of, Watson, iv. 128
 Reports relating to †—on the Argentine silver mines, Jack, ix. 589; Burke district, Armit, iii. 424; Burram river, xi. 60; coal discoveries on the, Flinders, xi. 60; geology and mineral resources of Kilkivan and Black Snake districts, ix. 59; geology of the Russel river, xi. 60; the Limestone district, xi. 60; Norman river bar, xi. 60, Sellheim silver mines and district, Jack, xii. 642
 Resources of, Bonwick, ii. 394 †; (and institutions), Essays on, edit. Fletcher, viii. 750 †
 South-East, tin-producing district of, v. 101
 The Genesis of, Russell, x. 543
 Quelpaert island, Corea, vii. 340
 Quenelequo, or Lutiquo river, Bolivia, v. 337
 Quendi mountains, Zululand, forests of, xiii. 433
 Querimba islands, v. 394, 402
 Quesnel, G., new classical atlas, v. 687
 Quetta, etc., population of, xiii. 612; survey of, xiii. 610; valley of, ii. 537, 538
 Quibdó, Colombia, v. 252; ancient remains of Indian villages at, v. 251
 Quicembo, hydrographical plan of, xi. 63
 Quijarro, Dr., Descripción de la Nueva Provincia de Otquis en Bolivia, xii. 706 †
 Quilmanse river, East Africa, xiii. 516
 Quillimane, E. Africa, vii. 436, 646, xii. 136, 137, 224; report on the trade of, Ross, xi. 40
 Quilon or Kayan lagoon, S. India, vii. 731
 Quin, J. J., on colonization in North Japan, x. 710
 Quinpampauini river, S. W. Africa, v. 463
 Quiquerez, Lieut. P., disaster to expedition in Upper Guinea, xiii. 556
 Quirigua, ruins of, v. 185, 189, viii. 568, 588, 593
 Quirós, P. F. de, Historia del descubrimiento de las regiones Australes por †, iii. 63, iv. 446
 Quishuarini, Peru, altitude of, xii. 229
- Quito, journey from, to the Pacific, Wiener, iii. 487; route from, to Guayaquil, ii. 585; work of the French academicians in the neighbourhood of, iii. 463
 Quizungu or Moniga river, Mozambique, iv. 599, vi. 734
- R
- R—N., native surveyor, explorations in Central Asia, ix. 342, 343
 Rabai hills, E. Africa, vi. 551, 564
 Rabaud, A., L'Abbé Debaize et sa Mission dans l'Afrique Centrale, ii. 709 †
 Rabot, Ch., explorations in Norway, iii. 501; in Lapland, iii. 759, iv. 105, vii. 398; on the Polar meteorological expeditions, iv. 766; journey to the Store Björgafjeld and Kola Peninsula, viii. 48; La Seconde Expédition Suédoise au Grönland (Nordenskiöld), traduit par, x. 542 †; journey along the west coast of Greenland, xi. 41; on King Charles Land, xii. 175; journey to the Petchora, xiii. 36; on the Danish expedition to E. Greenland, xiv. 193; voyage to the Faröe islands, xiv. 193; to Jan Mayen and Svalbard, xiv. 700
 Rachel, L., Karte von Baden und Hohenzollern, x. 545
 Radde, Dr., Die Chewsuren und Ihr Land, i. 77 †; Talysch, das Nordwestende des Alburz, und sein Tiefland, vii. 554 †; on the tribes of the Caucasus, vii. 602; Reisen an der Persisch-Russischen Grenze, viii. 534 †; Die Fauna und Flora des Südwestlichen Caspi-Gebietes, viii. 535 †; journey to Sarakhs, viii. 720; the Ornithological Fauna of the Caucasus, x. 105 †; on the Suanctian race, x. 331; award of Patron's medal to, xi. 310, 451; expedition in Northern Persia, xii. 555
 Radford, A., Jottings on the West Indies and Panama, ix. 461 †
 Radiolarian Slate, Japan, ix. 89
 Radkan, Khorasan, iii. 526
 Radloff, W., Ans Sibirien, vii. 196 †
 Rae, Dr. J., on the best route by which to attain a high northern latitude, vii. 760; on the proposed new route to the Great Prairie Lands *via* Hudson's Bay, viii. 728; on temperature in Arctic waters, viii. 769; on depth of frozen soil in the Polar regions, ix. 773; on navigation to Hudson's Bay, x. 653; remarks at evening meetings, vii. 126, x. 565, xi. 495, xii. 295, xiii. 84, 157
 Rae, Edward, the White Sea Peninsula, A Journey in Russian Lapland, etc., iv. 116 †; on Kairwan, v. 663
 Rae, Fort, Capt. Dawson on depth of frozen soil at, viii. 741; Observations of the Expedition to, viii. 749 †
 Radlax, M., explorations in New Guinea, i. 276; journey in Abyssinia, iv. 241, 242

- Raga or Arga, meaning of, v. 14 *note*.
 Ragata Yangovi, East Africa, xiii. 196
 Ragged islands, W. Indies, xiv. 595
 "Raghzaies" plateaux, Waziristan, iv. 539
 Ragosin, V., Volga, ii. 655 †
 Rahang, Siam, x. 119, 181, 183
 Raian Basin of Lake Moeris—projected restoration of, Whitehouse, vii. 756; surveys of, *id.*, viii. 455, 730; Account of, *id.*, ix. 608 *, x. 733; feasibility of the project, Ardagh, ix. 613; exploration of the desert near, Surtees, ix. 613; map of, Whitehouse, x. 811
 Raigarh, fort of, W. India, iv. 474, 475
 Railways in America, Africa, and Asia, progress of, vi. 595, 596
 Raimondi, A., Work on Peru †, v. 306, xiv. 50, 393; Mapa del Peru, xiv. 67; obituary of, Markham, xii. 763
 Raivey, J. R., the Sundarban, its Physical Features and Ruins, xiii. 273 *
 Rainfall, influence of forests on, Blanford and Gannett on, x. 40, 98, xi. 43; Powell on, x. 793; on mean or average, etc., Binnie, xiv. 730 †; on the effects of, in Formosa, xiv. 712
 Rajgarh, fort of, W. India, iv. 462
 Rajputana Gazetteer, ii. 781, iii. 189 †
 Rakaposhi peak, Himalayas, xiii. 412
 Ramada range, height of, S. America, vi. 660
 Ramaer, J. C., De Omyang van het Haarlemmermeer, etc., xiv. 658 †
 Ramage, G. A., expedition to Fernando de Noronha, x. 417, 424
 Ramainandro, subterranean river at, xiii. 158
 Ramaquoban river, Mashonaland, gold at, xiii. 12
 Rambler reef, its non-existence proved, v. 597
 Rameswaram island, S. India, vii. 733
 Ram-Hormuz plain, Southern Persia, v. 151, 156
 Ramjird dam and district, Kur river, xiii. 289 *and note*
 Rangkeng village, viii. 325
 Ramos-Coché, J., Historia do Infante D. Duarte, xi. 755 †
 Rampongs of N. Burma, xiv. 406
 Ramsay, Sir A. C., geological map of the British Isles, i. 153; remarks on geographical evolution, i. 443; Stanford's orographical map of Asia, i. 80; on the action of glaciers, x. 785
 Ramsay, E. P., Catalogue of the Echinodermata in the Australian Museum, viii. 605 †
 Ramsay, Prof. W. M., explorations in Asia Minor, vi. 219, 307, 368, vii. 422; note on the map of Ionia-Pamphylia, x. 160; Historical Geography of Asia Minor, xiii. 123 †
 Ramsay, W., Kurzer Bericht über eine Expedition nach der Tundra Umptek auf der Halbinsel Kola, xiv. 866 †
 Ramseyer, Rev. F., journey to Krakye on the Volta, viii. 248
 Ranch Life and the Hunting Trail, Roosevelt, xi. 189 †
 Rancheria, Rio, S. America, iii. 714, 715, 721
 Rand, McNally & Co., maps by—British Columbia, iv. 454, Central America, xiv. 513; Mexico, xiv. 581, (towns), iii. 444; Texas, iii. 454; United States (general), xii. 645, (indexed), iv. 188, xii. 573, 574, xiii. 447, xiv. 138, 270, 350, 430, 510, 581, 733; United States and Canada, (commercial), xii. 55, 56; (railway), ii. 464
 Randolph, Rev. Mr., remarks on the Rovuma district, ii. 352
 Rands, W. H., on the geology of the Owen Stanley range, xii. 618
 Rangoon, port and river, survey of, vii. 45
 Rankin, D. J., journey from Blantyre to Quillman, vii. 655 *; Arab tales translated into Swahili, xiv. 740 †; on the Zambesi, xii. 136 *
 Rankin, L. K., the Elephant Experiment in Africa, iv. 273 *
 Ranomaitso river, Madagascar, iv. 529
 Ransome, L. H., the Antanambalana river, Madagascar, xi. 295 *; his journeys in Madagascar, xiv. 739
 Raper, Lieut. H., Practice of Navigation, xiii. 376 †
 Raquet, Ed., legacy to Paris Geographical Society, vii. 400
 Ras, vii. 832
 Ras, vii. 95
 Ras er Raml island, vii. 112
 Râs Hafûn, sea temperature off, x. 707
 Ras Intende, rocks off, E. Africa, vii. 431
 Rashid, Mohammed Ibn, ii. 87, 88
 Rasht, fortress of, Turkistan, vi. 501 *and note*, 510
 Raskem-daria river, Central Asia, xi. 174, xii. 422, xiv. 219, 784
 Rat island, Fernando de Noronha, x. 426
 Rat, J. N., the Elements of the Hausa Language, xi. 316 †
 Rath, G. vom, Siebenbürgen, ii. 780 †
 Rathgen, Dr. K., on the commercial geography of Japan, xiv. 238
 Ratte, A. F., Descriptive Catalogue of Minerals in the Australian Museum, viii. 605 †
 Ratzel, Dr. F., Aus Mexico, i. 78 †; Die Vereinigten Staaten von Nord-Amerika, i. 78, ii. 325; Anthro-Geo-graphie †, iv. 447, xiv. 507; boundaries of African States, vii. 539; Kultur- und Staaten-Karte von Afrika, vii. 558; Völkerkunde, x. 608 †; Die Schneedecke besonders in Deutschen Gebirgen, xii. 300 †

- Rauner, S. Y., on the movement of drift-sands in Russia, x. 736
- Rausch. See Trautenberg.
- Ravenstein, E. G., on the R.G.S. map of E. Equatorial Africa, iv. 628; on the Somali and Galla countries, v. 675; *id.*, Wakefield's information, vi. 255*; object lessons in geography, vi. 674; aims and methods of geographical education, viii. 116; on Diogo Cão's "Padrao" at the mouth of the Congo, ix. 690 *note*; a plea for the meter, ix. 705; the Universal Geography, edited by (in part), x. 319†; on the altitude of the Victoria Nyanza, xi. 438; Positions in the Valley of the Upper Nile, xi. 641*; on Lands still Available for F. . . . S. . . . 27*, 114; on Jac. . . . 206; on the Fiel. . . . xiii. 617*; on prop. . . . map of the world, xiv. 716; maps by Africa, languages, vi. 175; Stanley, . . . 123; Eastern, for R.G.S., iii. 224, v. 415; *id.*, part of, xi. 578; country between Nyasa and Tanganyika, x. 747; Cunene Basin and U. . . . iv. 187; Egypt, iv. . . . Turkey (railway and navigation), v. 309; U.S.A. (railway), ii. 719; remarks at evening meetings, vi. 711, vii. 642, viii. 732, 738, ix. 303, 700, x. 531, 731, xi. 341, xii. 135, xiii. 548, xiv. 530, 840
- Ravenstein, L., Karte der West-Tiroler und Engadiner Alpen, ii. 591; Karte der Salzburger Alpen, und des Salzkammerguts, ix. 592
- Raverty, Major, work on the N. W. Frontier of India, i. 61; on the routes between Jalalabad and Cabul, ii. 125; Notes on Afghanistan and part of Beluchistan, ii. 708, iii. 663, 692, vi. 354; on the Dara'h of Nur, iii. 498; on the name Bolor or Bilaur, iii. 312, 499, 663; on the Band-i-Amir lakes and Moore's Bendemeer, ix. 252
- Ravi river, Panjáb, vii. 709, 715, xiii. 416, 417
- Raweryah (Roway), Bay of, vii. 94
- Rawlinson, Canon George, History of Phœnicia, xii. 182†
- Rawlinson, Sir H., rough notes on prehistoric Cyprus, i. 106; the Road to Merv, i. 161*; notes on Lessar's journey in the Turkoman country, v. 12*; additional note on Darwaz, vi. 510; the Dragon lake of Pámír, ix. 69*; remarks at the anniversary dinner, 1879, i. 472; at evening meetings, i. 96, 97, 137, 257, 259, ii. 100, 242, 263, 264, 288, 451, iii. 80, 84, 299, 544, iv. 49, 60, 355, v. 169, 171, 410, 423, 472, 473, 516, vi. 17, 44, 321, 396, 501, vii. 86, 91, 287-291, 369, 373, 577, viii. 151, ix. 15, 18, 455, x. 514
- Rawson, Commander Wyatt, obituary of, iv. 697
- Rawson, Sir Rawson, report on the congress of French geographical societies, 1880, iii. 55; the Partition of the Coasts of Africa, vi. 615*; European Claims on the Red Sea in 1885, vii. 93*; Synopsis of the Tariffs and Trade of the British Empire, x. 319†; (sequel), xi. 190†; remarks at the anniversary meeting, 1879, i. 472; at evening meetings, i. 16, 734, ii. 264, vii. 645, ix. 85, xi. 17, xiii. 33, 590, xiv. 752
- Ray, Lieut., establishment of meteorological station at Point Barrow, iii. 484, 733; experiences at the same, vi. 677
- Rays, Marquis de, project for the colonization of the South seas, ii. 369, iii. 47
- Reade, T. M., the Origin of Mountain Ranges, ix. 652†
- Rebuvbwe. See Revubwe.
- Reclus, A., Panama et Darien, iii. 576†
- Reclus, E., Voyage à la Sierra-Nevada de Sainte Marthe, 2nd edit., iii. 576†; Nouvelle Géographie Universelle†, i. 410, ii. 327, iv. 190, 326, vi. 483; English translation, x. 319†; the Earth and the Ocean, edit. Keane, ix. 263†
- Red Deer rivers, Canada, v. 635
- Red river, C. . . . on, vii. 833†
- Red river f. . . . 652
- Red river, Tonking. See Song-ka.
- Red Sea—
And Abyssinia, De Rivoivre, ii. 459†
European Claims on, 1885, Rawson, vii. 93*
French possessions on, vii. 107
Italian possessions on, extension of, xi. 608
Journey to the Ports of the, Report on, Haig, ix. 649†
Meteorology of, Strachey, x. 704*
Petroleum Deposits of, Ardagh, viii. 502*
Route to India *via*, vii. 103, 104
Surveys, Admiralty, in, iv. 555, v. 495, x. 418, xi. 414, xiii. 398, xiv. 377
Territories of, in 1517, vii. 94; area and population of, vii. 104
Trade of, Wyld, ix. 691
Turkish conquests in, vii. 94
- Redcliffe, Viscount Stratford de, obituary of, iii. 398
- Redmen of Guiana, xiv. 681
- Redscar bay, New Guinea, v. 516
- Redway, J. W., the New Lake in the Colorado desert, xiv. 309*
- Reed, Sir E. J., Japan: its History, etc., ii. 781†
- Rees, J. D., journey in N. W. Persia, viii. 394; on North China and Corea, viii. 733; Tours of Lord Connemara†, xi. 700, xii. 244
- Reeves, A. M., the Finding of Wineland the Good, etc., xiii. 127†
- Regam peak, viii. 323
- Regel, Dr. A., Expedition from Kuldja to Turfan in 1879-80, Morgan on, iii. 340*; map, iii. 700; explorations in

- Rhodes, Island of, explorations in, Guérin, ii. 516; work on, Biliotti and Cottret, iv. 771
- Rhodes, Père A. de, *Voyages et Missions en la Chine*, etc., vii. 617†
- Rhodes, T., *Steamship Guide and Holidays Afloat*, etc., xi. 637†
- Rhöngebirges, map of the, viii. 751
- Rhy, E. Africa, xii. 134
- Ribatski Peninsula, Norway, ii. 277
- Ribeiro, M. F., Criticism on Pinto's Journey across Africa, ii. 270†; A Colonização Luso-Africana, Zona Occidental, x. 610†
- Ribero, Diego, reproduction of the 2nd Borgian map by, Griggs, ix. 62
- Ricci, General, death of, iii. 760
- Rice, Lewis, Mysore and Coorg, i. 344†
- Richards, Admiral Sir G. H., obituary of Vice-Admiral T. Spratt, x. 242; Report on the Navigation of the Mersey, xii. 300†
- Richards, E. H., journey in East Africa, west of Inhambane, vii. 381, 459
- Richardson, J., A Smaller Manual of Modern Geography, ii. 783†
- Richardson, Mr., report on the Magdalen Islands, St. Lawrence, iv. 517
- Richardson, R., agricultural map of the county of Edinburgh, i. 154
- Richardson, Sir John, visit to lake Athabasca, v. 648; on depth of frozen soil at York Factory, ix. 771, 772
- Riche island, New Guinea, v. 509
- Richmond gulf, Hudson's bay, Prof. Bell's explorations of, iii. 365
- Richter, Dr. C. M., Ocean Currents on the Coast of California, x. 51†
- Richter, Dr. E., Die Gletscher der Ostalpen, x. 803†; Geschichte der Schwankungen der Alpengletscher, x. ii. 736†; Urkunden über die Ausbrüche des Vernagt und Gurglergletschers, xiv. 866†
- Richter, Otto, plantation of Peruvian bark, Mapari river, v. 347
- Richtofen, Baron von, China, iv. 389†; Atlas von China, vii. 702; Führer für Forschungsreisende, viii. 410†; on the study of geography, viii. 708; on the loess of Central Asia, xii. 59
- Riddel, A., Grammar of the Chinyanja Language, ii. 271†
- Riddle, Ed., nautical school of, iv. 298, 299
- Ridgeway, Col., Afghan frontier mission under, vi. 662
- Ridley, H. N., expedition to Fernando de Noronha, x. 417, 424; to the Tahan District, Pahang, xiv. 533†
- Riebeck, Dr., expedition to Socotra, iii. 311; obituary of, vii. 545
- Riedel, J. G., Der Aaru-Archipel und seine Bewohner, vii. 346†; De Topantunuas of oorspronkelijke Volkstammen van Centraal Selebes, viii. 344†
- Riese, A., *Geographi Latini Minores*, i. 152†
- Riess, Dr. R., geographical and historical atlas of the Holy Bible, iii. 126
- Riff tribe, Morocco, xi. 488, 489
- Rigby, Major General C. P., remarks on Last's visit to the Masai, etc., v. 538, 543; obituary of, vii. 388
- Rijkevorsel, Dr. van, journey in Sumatra, ix. 128
- Riketti river, Central Africa, xii. 554
- Rikuru, valley of the, Central Africa, iii. 263, 264
- Rikwa. *See* Sukwa.
- Riley, A., visit to the Assyrian Christians in Kurdistan, viii. 674†; Athos, or the Mountain of the Monks, ix. 517†
- Rimbaud, M. A., report on Ogadine, vi. 163; new route from Antotto to Harar, x. 39
- Rind tribe, South-West Beluchistan, v. 721
- Rink, Dr. H., on the interior of Greenland and recent expeditions, i. 735; Tales and Traditions of the Eskimo, vii. 491†; on Danish exploration in Greenland, x. 238; the Eskimo Tribes, etc., xiii. 741†
- Rio de Janeiro, the geographical society of, vii. 342. *See* Janeiro.
- Rio Grande do Sul, xii. 228; physical geography of the valley of, Derby, viii. 749†; province of, Bennett on trade in, x. 383
- Rio Grande, Bolivia, v. 343
- Rio Grande (San Francisco Basin), altitudes of points on, viii. 355
- Rio Hacha town, Colombia, i. 690, iii. 714, 716
- Rio Negro. *See* Negro.
- Rion river, Caucasus, xiv. 101, 102
- Ripa, Tana River, xii. 131
- Ripaudi river, Central Africa, xii. 715, 746
- Risley, H. H., the Tribes and Castes of Bengal, xiv. 60†
- Ritchie, J. E., to Canada with Emigrants, viii. 132†
- Ritter, Joseph, map of Austro-Hungarian kingdom, iv. 774, v. 501; Geographical-Statistical Lexicon, v. 682†
- Ritter, Karl, celebration of the centenary of the birth of, by Berlin Geographical Society, i. 738; works of, added to R.G.S. library, ix. 272; Was bedeutet Carl Ritter für die Geographie, ii. 272†
- Rivaleneira, D. de, visit to the Galapagos islands, xiv. 315
- Rivadeneira, Señor, travels in Persia, i. 333
- Rivers—as means of boundaries, xiii. 599; entrances to, Mill, viii. 732; Great Historical, Mitelnikoff, x. 318†; names of, in Further India, Peal on, xi. 99*; the longest in the World, Von Tilo on, ix. 120; Heawood on, ix. 252; transparency and water level of, xiv. 629; winding of, Buchanan on, xiv. 712

- Riviera, Die Naturpracht der Riviera di Ponente, Adelman, vi. 53 †; Murray's handbook for travellers on the, xii. 181; Sketches of the Health Resorts of the Mediterranean, Sparkes, ii. 69 †
- Rivière, Baron H. A. de, Explorations in the Beni Province, xiv. 729 †
- Rivière, H., Souvenirs de la Nouvelle-Calédonie, ii. 462 †
- Rivoyre, Denis de—Mer Rouge et Abyssinie, ii. 459 †; Obock, Mascate, Bouchire, Bassorah, v. 432 †; Les Vrais Arabes et leur pays, vii. 54 †; on the bay of Adulis, vii. 401; on the progress of works at Obock, vii. 253; Les Français à Obock, x. 51 †
- Roa, Col. D. L. O. de, on the Chubut region, vii. 342
- Roach, Capt., visit to lake Kennedy, i. 706
- Robat village, Persia, xii. 584
- Robat, Dehistan, i. 170
- Robb, Dr. John, on the climate of Zanzibar, ii. 183
- Robecchi, L. Bricchetti, journey in Somaliland, xii. 466, xiii. 686, 722, xiv. 372; Testi nelle Lingue Harrar e Galla, xiv. 870 †
- Robert, Fritz, Afrika als Handelsgebiet, v. 432 †
- Robert, Mr., surveys in Sikkim, xiii. 414
- Robert Hall Sound, New Guinea, v. 515
- Roberts, C. G. D., the Canadian Guide Book, xiv. 574 †
- Roberts, J. S., Africa and African travels and adventures, i. 204 †
- Roberts, M., the Western Avernus (Further North America), ix. 461 †
- Roberts, Rev. C., the South African Traveller's Handbook, i. 345
- Roberts, W., ascent of mount Donkia, vi. 69
- Robertson, A., on the new route to North West Canada, viii. 729
- Robertson, H., mission life among the Zulu-Kafirs, i. 204 †
- Robertson, J. P., Political Manual of Manitoba, etc., x. 179 †
- Robertson, Sir D. B., obituary of, iii. 366
- Robilliard, Mr., on railways to Bolivia, xiv. 562
- Robinson, C. E., A Royal Warren (Rambles in the Isle of Purbeck), v. 109 †
- Robinson, H. J., Colonial Chronology, xiv. 811 †
- Robinson, Sir W. C. F., Physical Geography of South-West Australia, ix. 59 †
- Robinson, W., on the transfer of the population of St. Andro, i. 134
- Robinson river, N.W. Australia, v. 723
- Roblet, Père, survey work in Madagascar, x. 649, xi. 409; map of Antananarivo and its environs, vi. 95, ix. 139; of Madagascar, x. 746
- Roborofsky, Lieut., Journey with Pievtsoff in Central Asia, xii. 19*, 161*, 466, xiii. 99
- Rocamadour, Uvillier, xiv. 723 †
- Rochechouart, J. de, Les Indes, La Birmanie, etc., i. 405 †; Pékin et l'intérieur de la Chine, i. 148 †
- Rocher, E., La Province Chinoise du Yunnan, ii. 391 †
- Rock, Miles, Guatemala Forests, x. 604 †
- Rock river, North America, v. 729
- Rockhill, W. W., Exploration in Tibet, Attempt to reach Lhasa, xi. 439, 730*, xii. 380; An American in Tibet, xiii. 53 †; travels in North-East Tibet, xiv. 777; the Land of the Lamas, xiv. 60 †
- Rockstroh, E., Estudio de los Fenómenos volcánicos en el Lago de Ilopango (Salvador), ii. 710 †
- Rocky mountains, v. 634, xi. 154, 155; arid lands near, project for irrigating, x. 455; forest region of, xii. 430; in the, Mandat-Grancey, vii. 56 †; rainfall of the, x. 284, 285
- Rocky river, Athabasca, v. 642
- Rodah, Nilometer at, xi. 29, 245
- Rodgers, Lieut., report on Panama canal, vi. 587
- Rodgers, the search for the *Jeannette* and visit to Wrangell Land, iii. 733, iv. 30; loss of, iv. 376, 607
- Rodler, Dr. A., Geologische Reise im Westlichen Persien, xi. 314
- Rodrigues, M., the Panama Canal, its History, etc., viii. 130 †; on the river Juapery, ix. 54
- Rodwell, G. F., Etna, a history of the mountain and its eruptions, i. 283 †
- Roe, Capt. J. S., obituary of, i. 277
- Roebuck bay, North-West Australia, v. 722
- Roema or Rima village, Tibet, vii. 75
- Roepstorff, F. A. de, Dictionary of the Nancowry Dialect of the Nicobarese Language, vi. 355 †
- Rogers, Capt. Woodes, Life aboard a British Privateer in the time of Queen Anne, xi. 124 †
- Rogers, J. E., and J. P. Mahaffy, Tour through Holland and Germany, xi. 116 †
- Rogers, Major M., surveys round Candahar, i. 64, 730
- Rogers, W. A., and A. Winlock, Catalogue of 130 Polar Stars for the epoch of 1875-80, ix. 525 †
- Roget, Capt., explorations in the Congo region, xii. 553
- Rogoaguado, lake of, Bolivia, v. 327
- Rogon, Dr., on the Jurassic fishes of Ust-Balei, xiii. 181
- Rogozinski, M. de, explorations in the Cameroons, v. 173, vi. 294, 477, 479, vii. 183, 394, viii. 48; Pod Równikiem, viii. 601 †; ascent of Clarence Peak, xii. 289
- Rohde, Lieut., exploration in the Limay valley and the Andes, iii. 234
- Roheita, vii. 102, 108, 112

- Rohlf, Gerhard, Expedition in N. Africa, i. 275, 280, 341, 359, 476, 535, 536, 737, 807, ii. 322; to the Kufra Oasis, ii. 508; in Abyssinia, iii. 186; Reise von Tripolis nach der Oase Kufra, iii. 696†; Expedition in Tripolitania, etc., Übersichts-karte, iii. 64; Neue Beiträge zur Entdeckung und Erforschung Africa's, iii. 248†; on the sinking of land in N. Africa, iv. 634; My Mission in Abyssinia, v. 305†; Expedition zur Erforschung der Libyschen Wüste, 1873-74, Part III, v. 678†; Quid Novi Ex Africa, ix. 261†
- Rohne, M. Arthur, on Cairo, v. 428
- Röhrich, Reinold, Deutsche Pilgerreisen nach dem heiligen Lande, ii. 709†; Bibliotheca geographica Palestinae, xiii. 372
- Rolfe, J. H., maps of the Eastern and Western Hemispheres, iv. 249
- Röll, Dr. J., ascent of a peak in the Cascade mountains, North America, xi. 609
- Rolland, G., on the formation of the Sahara, iv. 629; on the Algerian Sahara, viii. 783; on the geology of Lake Kelbia region and Central Tunis, ix. 312, x. 598; excursion to Ued-Rir and Tuggurt, x. 472; on the geology of the Algerian Sahara, x. 595, xiv. 872†; on Artesian borings in the Ued-Rir oasis, xi. 312, 507; on the Trans-Saharan railway, xii. 299; on the Sand-dunes of the Sahara, xii. 367; on the Subterranean waters of the same, xiv. 324
- Roman conquests in the Mediterranean, xii. 627, 628
- Roman Empire, Provinces of the, from Cæsar to Diocletian, Mommsen, transl. Dickson, ix. 263†; wall map of the, vii. 496
- Romaneche, French scientific expedition of the, vi. 348
- Romanovsky, G., Carte Géologique du Turkestan Russe (in part), viii. 541; notes on the Central Asiatic question, viii. 411
- Romanow tribe, North Borneo, v. 94, x. 6
- Romantzof. *See* Rumantzof.
- Rombashe river, lake Nyasa, i. 295, 303, 323
- Rome—geographical society of, proceedings of, iv. 111, 172, 244, 439; maps of, i. 349, xiv. 65; of the province of, xiv. 580; Murray's handbook of, viii. 212; Piante Iconografiche e Prospettiche di Roma anteriori al Secolo XIV., de Rossi, i. 537†
- Romilly, H. H., the Western Pacific and New Guinea, viii. 407†; the Islands of the New Britain Group, ix. 1*; From my Verandah in New Guinea, xi. 516†
- Romsdal government, Norway, map of, v. 184
- Romsdalsfjord, Strandlinien und Terrassen im (map), Sandler, xii. 643
- Ronchi, L., Carta delle linee ferroviarie e di navigazione in Italia, i. 349
- Rougier, le Noury, Admiral de la, obituary of, iii. 366
- Rondo-Makoto, Mr., corrected map of Corea, v. 568
- Rongo river, Central Africa, iii. 304
- Rong Tehod Chu river, vii. 313, 315
- Ronuro river, viii. 520
- Rook island and natives, viii. 562, 566
- Roosevelt, J., Ranch Life and the Hunting Trail, xi. 189†; Hunting Trips of a Ranchman, xiv. 731†
- Roraima, Mount—
 Account of, Im Thurn, vii. 667*
 Ascent of, Im Thurn, vii. 497*; Cromer and Dressel, x. 166, Cromer and Saylor, xiv. 242; to the foot of the cliffs of, Whitely, vi. 459
 Botanical richness of the Savannah slope of, vii. 510, 511 *note*, 512
 Difficulties of exploration of summit, vii. 532, 533
 Early travellers to, vii. 528
 Expedition to, Im Thurn, vii. 181, 246, 247
 Exploration of, vi. 670, 671; in neighbourhood of, Whitely, vi. 452*
 Journey to British Guiana and, Bodham-Whetham, i. 687†
 Notes on a journey to, Perkins, vii. 522*
 Scenery and vegetation of the summit of, vii. 517-520, 531
 Waterfall from, Raleigh's account of, vi. 670
- Röros and Tonset, mean pressure at, xiii. 146
- Rosa, Monte, xiv. 346; panorama of, Imfeld, ii. 656; Sella and Vallino's work on, xii. 767†
- Rosa, Thomas, school prize medal awarded to, v. 422
- Rosen, F., journey from the Persian Gulf to the Caspian Sea, xii. 357
- Rosen, P. G., Die Astronomisch-Geodätischen Arbeiten des Schwedischen Generalstabes, x. 808†
- Rosenberg, C. B. H. von, Der Malayische Archipel, i. 345†
- Rosenvinge, M. K., explorations in South Greenland, xi. 435
- Roshan-Kuh mountains, Persia, v. 142
- Roskoschany, H., Russia and its People, v. 182†
- Rosnyssloff, Lieut., Arctic voyage of, ii. 8
- Rosny, Léon de, orographical map of Roumania, v. 173; the Danubian populations, v. 182†; Les Antilles, ix. 134†; Les Religions de l'Extrême Orient, ix. 72†; Histoire des Dynasties Divines (École des Langues Orientales), x. 54†; Chan-hai-king, xiv. 132†
- Ross, A., Journey to the Head Waters of the Ucayali, xiv. 382*
- Ross, David, the Land of Five Rivers and Sindh, v. 304†

- Ross, Sir James, Antarctic discoveries of, iii. 623
- Ross, John, History of Corea, Ancient and Modern, ii. 139 †
- Ross, Lieut.-Col. E. C., notes on the River Mand, or Kara-Aghatch, v. 712 *
- Ross, Malcolm, Complete Guide to the Lakes of Central Otago, xii. 306 †; Aorangi, or the Heart of the Southern Alps, New Zealand, xiv. 575 †
- Ross, Mars, the Highlands of Cantabria, viii. 341 †
- Ross, Mr., on the location of Odoli, ix. 567
- Ross, Vice-Consul, report on the trade of Quillmane, xi. 40
- Rossel island, Louisiades, xi. 529, 530
- Rössel, Th., Reliefkarte d. Königreich Bayern, iii. 251
- Rossenvinge, M., explorations in Greenland, xi. 435
- Rosser, W. H., instruction in navigation by, iv. 303; Norie's Practical Navigation, etc., xi. 397 †
- Rossi, G. B. de, Pianta Iconografiche e Prospettiche di Roma anteriori al Secolo XIV., i. 537 †
- Rossikoff, M. K. N., on the glaciers of the Caucasus, xiv. 719
- Röst and Varö islands, new fishing bank off, vii. 724
- Rostak, or Rosak, Persia, xii. 582
- Rostock, map of environs of, Malte-Brun, ix. 463
- Rostoff, River Don, latitude of, v. 392
- Rotang pass, H. 616, vii. 709
- Roth, Dr. M., Geografisk Atlas öfver Sverige, i. 160; map of the North, vi. 611
- Roth, Dr. S., Die Seen der Hohen Tatra, x. 106 †
- Roth, H. L., Crozet's voyage to Tasmania, etc., xiv. 133 †
- Rothaug, J. G., Atlas zum Unterrichte in den Oesterreichischen Volksschulen, etc., ii. 720
- Rotaira lake, New Zealand, vii. 210
- Röttger, Eisenbahn-Karte d. europäischen Russland; ii. 396
- Rotti island, Wichmann's visit to, xiv. 469
- Roua island, Louisiades, xiv. 795
- Roudaire, M., visit to the Algerian chotts, i. 608; projected inland sea in the Algerian Sahara, iv. 377; journey of, vii. 52, 194; death of, vii. 254
- Roudner, M., work in Eastern Bokhara, xi. 311
- Rougé, Vte. J. de, Géographie Ancienne de la Basse-Egypte, xiv. 63 †
- Rougement, M., map of railway between Santiago and Angol, v. 494
- Rouire, Dr., explorations in Central Tunis, viii. 599; La découverte du Bassin hydrographique de la Tunisie Centrale, etc., xi. 514 †
- Roule, Cornelius, arctic voyage of, ii. 7
- Roumania, Annals of the Meteorological Institute of, Hepites, ix. 258 †; the Land and the People, Bergner, ix. 517 †; Past and Present, Samuelson, iv. 573 †; Untrodden Paths in, Walker, xi. 53 †
- Rouna falls, New Guinea, v. 355, 356, 385
- Rousden Observatory, Devon. Meteorological Observations at, Peek †, x. 399, xi. 463, xiii. 189
- Rousset, L., A Travers la Chine, i. 77 †; on Turkish railways, vii. 394
- Rousson and Willen's journey in Tierra del Fuego, xiii. 365
- Routes, New, of the Globe, Isthmic Canals, and Subterranean Routes, Hélène, v. 50 †
- Rouve, M. de, on the region of the Congo, i. 144
- Rouvier, C., explorations in the Ogowe-Congo region, *et seq.*, ix. 339; Paris Geographical Society's medal awarded to, ix. 255; astronomical observations on the Congo, ix. 189; Carte du Congo Français, ix. 724
- Roux, J. Ch., Le Canal de Panama en 1886, ix. 321 †
- Rouzioux, M., on earthquake at Cayenne, viii. 58
- Rovuma district, coal-beds in the, i. 707, vii. 743; Maples on, ii. 337 *
- Rovuma river, E. Africa, iv. 80, 86, 481, v. 396, 398, vi. 517, 520, vii. 159, 606; ix. 468; Basin of, Notes on, Thomson, iv. 65 †; expedition up, *id.*, iii. 660
- Rowe, Sir Samuel, remarks at evening meetings, iv. 507, vi. 450; obituary of, xi. 423
- Rowley's map of New South Wales, x. 186
- Roy, M. René, v. 174; excursion in Swedish Lapland, vi. 97
- Royal atlas of modern geography, Keith Johnston, vii. 495, xiv. 68, 140, 432, 511, 664-884
- Royal Colonial Institute, Proceedings of, xiv. 876 †
- Royal Geographical Society—**
Admission of ladies as members, xiv. 553
African Exploration Fund, final report of the committee, iii. 38; expeditions. See Africa, East, and Thomson, Joseph.
Amendment of the regulations, i. 471
Anniversary dinner and meetings, i. 460, *et seq.*, 472, ii. 439, 455, iii. 425, 435, iv. 425, 436, v. 411-414, vi. 340, 409, 420, vii. 466, 480, viii. 458, 469, ix. 446, x. 459, xi. 442, *et seq.*, xii. 471, *et seq.*, xiii. 491, *et seq.*, xiv. 478, 493
Appliances used in geographical education, exhibition of, vii. 543, 815, viii. 52, 116, 121, 193, 198, 417-421, 463, 724; at Manchester and Scottish societies, viii. 271, 338; on view at Savile Row, ix. 764

Royal Geographical Society—continued—

- Appointment of new assistant secretary, xiv. 177
- Appointment of new librarian, xiv. 235
- Award and presentation of medals and grants of the, i. 398, 466, ii. 311, 446, iii. 316, 431, iv. 431, v. 296, 417, vi. 341, 415, vii. 345, 474, viii. 400, 465, ix. 311, 452, x. 300, 466, xi. 305, 310, 449, xii. 288, 471, *et seq.*, xiii. 294, 491, xiv. 316, 485; special medal to Mr. Stanley, xii. 287
- Award of geographical studentship at Oxford, xiv. 235
- Balance sheets of. *See* Council reports.
- Changes in the Proceedings, xiv. 854
- Christmas lectures to young people, xiv. 854
- Council, report of, i. 460, ii. 439, iii. 425, iv. 425, v. 411, vi. 409, vii. 467, viii. 458, ix. 446, x. 459, xi. 442, xii. 479, xiii. 437, 495, xiv. 478
- Educational lectures of the, xiv. 47, 700
- Educational work, viii. 527, xiv. 361; prizes in elementary schools, ix. 757
- Evening meetings, report of, *passim*; review of work done at, xiv. 353
- Fifty years work of the, iii. 238, 397
- Jubilee address to H.M. the Queen, ix. 438
- Library and map room. *See* Council reports.
- Map of Eastern Equatorial Africa, iii. 224, iv. 628, v. 415
- Miscellaneous duties, xiv. 358
- Prizes and medals of the, to public schools, i. 468, ii. 311, 452, iii. 434, iv. 434, v. 422, vi. 341, 418; training colleges, x. 468, xi. 239, 453, xii. 236, 476, xiii. 231, 494, xiv. 235, 489
- Report of committee on navigation, and nautical education, iv. 313
- Scientific instruction to travellers, i. 453
- Testimonial to Bishop Crowther, ii. 450
- Royal naval asylum, nautical school of, iv. 299
- Royal Society committee on the eruption of Krakaton, report of, x. 805
- Rua river, Mashonaland, xii. 147
- Rua Sura islands, Western Pacific, v. 599
- Ruaha river, E. Africa, i. 529, ii. 113, 114, v. 106
- Ruamiga lake, Central Africa, xiv. 834
- Ruanda, Central Africa, iv. 10, xiv. 541
- Ruapehu mount, vii. 202-214
- Rubattino and Co., purchases on the coast of the Red Sea, vii. 112, 113
- Rubiana, New Georgia Island, x. 360
- Rubruquis, on the Journey of, 1258-1255, Schmidt, vii. 617 †
- Rubus Schomburgkii*, vii. 247, 511, 530
- Ruby Mines, Burma, Gordon on, x. 261 *
- Rück, Dr., excursion in the Batak country, ii. 137
- Ruckert, K. T., *Nach Nord-Afrika*, vii. 55 †
- Rucktäschel, Herr, on the influence of wind and rain in valley formations, xi. 609, 610
- Rucuyeunes tribe of Central Guiana, xiii. 526
- Rudbar river, Persia, v. 148
- Rudkhāneh i Shār river, Persia, x. 627 *note*
- Rudkin, Mr., xii. 612
- Rudler, F. W., xii. 618; Europe (Stanford's Compendium), vii. 127 †
- Rudnef, M., expedition in Eastern Borkhara, ix. 433, 434
- Rudok plain, Tibet, v. 614; road between Polu and, ix. 732
- Rudolf, Lake, E. Africa, xii. 377; Teleki's discovery of, xi. 407, 408, 560; its hydrographical connection, Von Höhnell on, xi. 678
- Rudyar, or Fahlyun, river, Southern Persia, v. 161
- Rud-zerd, Persia, v. 151
- Ruelle, C. E., *Bibliographie Générale des Gaules*, ii. 389 †
- Ruenya, South-Central Africa, xii. 149
- Rufaa Jebel, Bahrein Islands, xii. 7
- Rufiji River, i. 529; Exploration of the, Beardall, iii. 308, 641 *
- Ruge, Dr. S., on the cartography of Saxony, iii. 57; *Geschichte des Zeitalters der Entdeckungen* †, iii. 638, iv. 704, v. 626; *Abhandlungen und Vorträge zur Geschichte der Erdkunde* †, xi. 192, xiv. 731; Christoph Columbus, xiv. 579 †
- Ruge, Dr. W., *Beiträge zur Geographie von Kleinasien*, xiv. 870 †
- Rugen, island of, map of, Liebenow, xi. 399
- Rugg, R., Matabeleland, its Gold Fields, etc., xii. 770 †; map of the same, xii. 772
- Ruggles river, Grinnell Land, viii. 159
- Ruki river, Central Africa, xiv. 42
- Ruhandu. *See* Ruanda.
- Rukagura stream, E. Africa, vii. 453, x. 95
- Rukananduo stream, E. Africa, vii. 662
- Rukshu ridge, explained, v. 615
- Rukuru river, Lake Nyasa, iii. 266
- Rukwa, or Leopold, lake and river, E. Africa, ii. 559, 561, 739, xii. 225, 226, 377, 729, xiii. 94-96; death of Dr. Kaiser at, v. 551
- Rûm, or Anatolia, Asia Minor, vi. 306
- Rumania. *See* Roumania.
- Rumantzof cape, Alaska, iv. 665
- Rumanzoff, Count, Arctic expedition, ii. 9
- Rumbold, Sir H., the Great Silver River, ix. 520 †
- Rumifiahui mountain, S. America, xiv. 128
- Rumsey, Comm. R. M., survey of the Anobra river and Axim gold district, v. 39.
- Rundall, Capt. F., Mammal of the Sizin Dialect, xiv. 341 †
- Rundall, Lieut.-Gen. F. H., the River-systems of South India, viii. 681 *
- Rung, Capt., sea-temperature thermometer invented by, vii. 178

- Rungwe peak, Central Africa, xiii. 89
 Runn of Cutch, India, iv. 342
 Ruo river, Shire district, vii. 336, 430, xiii. 265, 266
 Rüppell, W. P. E. S., obituary of, viii. 654
 Rupununi river, British Guiana, ii. 475
 Rurinabaque, Beni river, Bolivia, v. 335, 336
 Rusaka, or Uakania, mountains, viii. 72
 Rusambo, Mashonaland, xii. 149
 Rusango lake, xiv. 836
 Rusden, G. W., History of Australia and New Zealand, xii. 186 †; remarks on visits to the eastern, etc., coasts of New Guinea, v. 516
 Ruskem. *See* Raskem.
 Ruspoli, M. E., expedition to Somaliland, xiii. 722
 Russafa route, ix. 663, 664
 Russell, Count H., Souvenirs d'un Montagnard, xi. 53 †
 Russell, H. C., on the distribution of rainfall in New South Wales, i. 520; rainfall map of the same, vi. 176; Results of Meteorological Observations in the same, ix. 718 †; Source of the Underground Water in the Western Districts, xii. 182 †
 Russell, H. S., the Genesis of Queensland, etc., x. 543 †
 Russell, Lindsay, Report on Dominion Lands for 1880, iii. 379 †; on Dominion surveys in the North-West, vi. 682
 Russell, Lord Arthur, obituary of, xiv. 328
 Russell, T. Cook, Geological History of Lake Lahontan, North-west Nevada, ix. 321 †; on the glaciers of Mount St. Elias, xiv. 325
Russia—
 And its People, Roskoschuy, v. 182 †
 And the Russians, Tissot, vi. 53 †
 Asiatic, progress of geographical knowledge in, since 1830, iii. 616
 Atmospheric pressure in, distribution of, xiii. 50
 Black earth of, xiv. 99
 Boundary with Afghanistan—map of frontier district, Holdich, x. 58; question of, map illustrating, Keith Johnston, vii. 265; with China, delimitation of, iii. 736; with Persia, new, iv. 213, v. 430; map of, v. 54
 Claims of, in the Pamir, xiv. 31
 Commercial relations with Siberia, Morier on, xi. 55
 Contributions to our Knowledge of, etc. †, viii. 208, xi. 392, xii. 185
 Cossacks in, map showing distribution of, Choroschschin, v. 309
 Disafforestation of, vii. 340
 Early voyages and travels to, Morgan and Coote, viii. 600 †
 Emigration statistics of, iv. 141
 French scientific expedition in, Ujfalvy †, ii. 324, 521
 Geographical Society of—Annual of, xiii. 243 †; Memoirs of, x. 181-3, 736,

Russia—continued—

- 803, xi. 391, xii. 122, 184, xiii. 130;
 Proceedings of †, viii. 535, ix. 60, x. 54, 180, xii. 49, 50, xiii. 187; of the Caucasus sect., viii. 402, x. 808, xii. 185; of the E. Siberian sect., ix. 130, 778, x. 48, 804, xi. 119, xii. 51, 185; programme for the collection of national journals, xiii. 737; publication of Renat's old map of Dzungaria, iii. 736. *See* St. Petersburg.
 Geography in—progress of, ii. 323, viii. 127, 272, xii. 566; (physical) vi. 474; teaching of, Mill on, xii. 669; geographical work in, Kaulbars on, xi. 697
 Geological map of, xiv. 732
 Handbook for travellers in, Murray, ix. 784 †; (West and Mid) Baedeker, v. 367 †
 In Central Asia, Bastian on, xiii. 563; Stumm on, vii. 554 †; in 1889, and the Anglo-Russian Question, Curzon, xi. 698 †
 Kingdom of, in Europe, vii. 553 †
 Lakes in, altitude of, viii. 270
 Land surveys in, Schellurtz, vii. 403 †
 Little, Morgan on, x. 668
 Map of, general, completion of, vi. 233; the oldest, Michow, vi. 424 †
 Maps of:—General Staff, iv. 328; Handtke, xi. 465; Illyne, i. 154; Imp. Geogr. Society, ii. 250; Kiepert (for schools), x. 56, 809; Tillo (altitude), vi. 611; Wipper (wall), iii. 251; Ziegler, vi. 538
 Northern—exploration of Timan range, xi. 505; journeys in, Backlund, xiv. 865 †
 Of the distant East, Schperck, viii. 62 †
 Pendulum observations in, Morgan on, xiii. 168
 Railway Advance of, into Central Asia, Dobson, xii. 435 †
 Railways of, maps of—vi. 358, viii. 348, ix. 327, 463; Raab, xi. 465, xii. 367; (and navigation) Ravenstein, v. 309
 Rainfall of, Wild, x. 252 †; map of, *id.*, x. 257
 South, coal-fields of, report on, Wagstaff, x. 305
 Surveying in, vii. 684; topographical, Dalton on, xiv. 237
 Temperature, map of, Wild, iii. 640
 Western, maps of, vi. 107, 358, vii. 130, viii. 348, ix. 463, x. 322
 Woody Plants in, Distribution of, Köppen, xii. 119 †
 Russia lake, Tibet, vii. 171
 Russian range, Tibet, vii. 812, xiii. 100
Russian—
 Advance in Afghanistan, iv. 356
 Army—its Campaigns in Turkey, 1877-78. Greene, ii. 458 †; numbers, positions, etc., of, map showing, x. 400, xi. 465

Russian—continued—

- Campaign against the Akhal Tekke Turkomans, Marvin, iii. 114 †
 Charts, lecture on, xiv. 877
 Colonization—in Siberia, Castonnet-Dessosses on, vi. 478; in the Syrdaria region, xi. 174; in the Trans-Caspian territory, x. 858; in Turkistan, xiv. 857
 Communication with Persia, importance of, v. 122
 Enterprise in Eastern Turkistan, xii. 92
 Ethnographical journal, new, xii. 619
 Explanations, Venice Geographical Congress, iii. 754
 Expeditions—Arctic, of last century, i. 19; to Central Asia, Bolyr, ix. 508; Pevtsor, xi. 170, 563; xii. 19*, 161*, xiii. 99*; to Hissar, Karateghin and the Pamir, i. 64; to the Tian-Shan, viii. 332; to Northern Asia, ix. 50, 54; to the Gulf of Obi, iv. 61; to the Lena Delta and New Siberian islands, viii. 393, ix. 51, 117, 577; to the Pamir, i. 209; projected, xi. 309
 Explorations, and Geographical Work, v. 389*, viii. 401, ix. 423*, x. 170, 172, 247, xii. 296, xiv. 371, 719; in Asia, i. 356, 591, iii. 490, iv. 105, 240, 243, vi. 474, 477, 591, x. 414, xi. 563, 409, xii. 379, 466, xiii. 383, 557; in Caucasia, xiv. 409; in Saghalien, iv. 610; in Western Siberia, ii. 766; of the Black Sea, xiii. 171, 561; of the Oxus, i. 145; of the old bed of the same, i. 342, ii. 68, 187; of the Tunguska and Olenék rivers, Müller, iv. 576 †
 Geographical work. *See* Explorations.
 Mission in Afghanistan, etc., v. 302 †
 Naturalists, work in Asia, x. 596, 597; and geographers, congress of, at St. Petersburg, xii. 296
 Polar meteorological expeditions and stations, iii. 113, iv. 91, 232, v. 231, 390; at the mouth of the Lena, iv. 91, v. 231; Observations at, Eigner †, viii. 749, ix. 522
 Railways and improvements in Persia, v. 134, 135
 Rule, east of the Caspian, advantages of, v. 18
 Staff Corps, Mil. Topogr. Sect., Memoirs of †, viii. 539, xi. 124, 390, xii. 430; Work of, v. 392, ix. 432; Venukoff on, xi. 311; exhibition of geodetical and topographical work of, xii. 566
 Survey—Comparison between the Indian Explorer M. S. and, vi. 507
 Surveys of the Caucasus, x. 684, 687, xi. 676; in the Kirghiz Steppe and Turkistan i. 384; from the Oxus to Herat, i. 387; in the Trans-Caspian region and Trans-Caucasia, v. 392; in Turkey during 1877-1879, ii. 768

Russian—continued—

- Trade by the Trans-Caspian railway, xi. 292, 294
 Universities, chairs of geography at, ix. 440
 Russians at Merv and Herat, Marvin, vi. 235 †
 Russo-Germanic Geological plain, xiv. 646
 Rust, Capt.-Lieut. von, Die Deutsche Emin Pascha Expedition, xiii. 443 †
 Rustamabad, Southern Persia, v. 158
 Rutenberg, Dr. C., journeys in Madagascar, i. 220, xiv. 738
 Ruterwood district, New Britain, iii. 91
 Ruthenia, notes of a journey in, Dowie, xii. 674
 Rutherford, Dr. G., visit to the Batanga district, W. Africa, ii. 693
 Rutimeyer, L., Brittany, v. 48 †
 Rutopi (Utope) river, Matabeleland, x. 295
 Ruvno valley, Lake Nyasa, i. 301
 Ruvu, valley of the, vii. 154
 Ruwenzori mountain, Central Africa, xi. 270, 720, 721, xii. 170, 322, 324, 325, 332, xiii. 540; ascent of, Stairs, xi. 726
 Ruxton, Capt. F., on the state of the naval surveys, i. 734
 Ruz-i-ravat pass, viii. 33
 Ruzmuk plain, i. 52
 Ryall, E. C., Trans-Himalayan surveys of, i. 444
 Ryder, Admiral, proposals respecting prize medals to naval officers, etc., ii. 255, iii. 106; obituary of, x. 423
 Ryder, Lieut., Polar meteorological expedition under, iv. 232; expedition in Greenland, x. 238, xii. 292, 468, xiii. 297, xiv. 711; Den Østgrønlandske Expedition; xiv. 809 †
 Rye, Ed. C., obituary of, vii. 184; fund for the benefit of his widow, vii. 387
 Rykachev, M., Cronstadt Anemograph Monro, xi. 392 †; Über den Auf- und Zugang der Gewässer des Russischen Reiches, ix. 458 †

S

- Saaronis, map of the neighbourhood of, v. 627
 Sáb or Rahanwín, country of the, vi. 265
 Sabaeans, Notes on the, Houtum-Schindler, xiii. 663*
 Sabah or North-East Borneo, v. 90
 Sabak, Borneo, New Maharajahate of, Slater, i. 121
 Sabáki river, Galla country, iv. 372, xii. 134, xiv. 818
 Sabatier, C., Touat, Sahara, et Soudan, etc., xiv. 872 †
 Sabi river, Gazaland, xiii. 589, xiv. 292, 300, 301; explorations near the head waters of, Selous, vi. 284; survey of the Delta, etc., of, Phipson-Wybrants, v. 271

Sabine, Cape, viii. 169; Greely expedition's winter quarters at, vi. 465
 Sabine, Gen. Sir Ed., death of, v. 560; obituary of, v. 491
 Sachau, Prof. E., map of route in Syria, etc., iv. 453; Travels in Syria and Mesopotamia, v. 743 †; Zur Historischen Geographie von Nordsyrien, xiv. 725 †
 Sachot, O., Récit de Voyages, Nègres et Papous, i. 814 †
 Sachs, C., Aus den Llanos, Reise nach Venezuela, i. 78 †
 Sachu (Saitu), Central Asia, v. 100, vii. 71, 85, 86, ix. 217, 747
 Sachue, town of, Guatemala, v. 191
 Sacred Books of the East, the, Max Müller †, viii. 474, xii. 439
 Saddle mountain, New Guinea, Hellwig's ascent of, xi. 607
 Sadipi bay, New Guinea, vii. 173
 Sadiya, flood discharge of Brahmaputra above, vii. 230; namghur or rest-house for the Abors at, viii. 321; route from, to Padoa, ix. 36
 Sadleir, Capt., journey in Arabia, ii. 100
 Sadong river, N. Borneo, iii. 195
 Sadovnikof, D. N., Sayings and Traditions of the Samara Country, viii. 209 †
 Sa'du-d-din island, graves at, vii. 664
 Safder Ali Khan, xiv. 222
 Sâfi tribe, Kafiristan, iii. 284
 Safid Koh, i. 38, *et seq.*, 619, 623, 626, 629; inhabitants of the, i. 46
 Safidab or Dâlichai, Persia, v. 64
 Sagala, country and village of, v. 538, 581, vii. 453
 Sagalind river, N. Borneo, iii. 592
 Sagallo, Red Sea, vii. 109
 Sagari-Marda pass, i. 65
 Sagastyr island, Lena river, Russian meteorological station at, v. 378
 Saghâd village, xiii. 287, *and note*.
 Saghalien island, ii. 701; journeys in, Martin, iv. 105; Poliakov, iv. 109, 610, vii. 53 †; map of, vii. 191; note on, Anderson, ii. 567
 Saghaniun, Turkistan, vi. 510 *and note*.
 Saghri-Dasht river, Turkistan, vi. 499
 Saguasash river, Caucasus, xiv. 175
 Sagyz river, i. 384
 Suhama. *See* Sajama.
Sahara—
 Algerian, viii. 733; journey through, De Bort, x. 648; projected inland sea in, Roudaire, iv. 377
 And Sudan, France in, Mercier, xi. 571 †; Nachtigal's work on, i. 610 †, iv. 121, xi. 571; salt commerce of, De Crozals, viii. 344 †
 Desiccation of, xi. 250
 Dunes of, Rolland on, xii. 357; (and underground waters), Courbis on, xii. 298
 Expeditions in—Flatters, ii. 123, 433, iii. 52, 184, 224; Fourcau, xii. 428, 554, xiv. 559; Méry, xiv. 707; Spanish, viii. 723

Sahara—continued—

Formation of, iv. 629, *et seq.*
 Four months in, Bernard, iii. 502 †
 Journeys in, Chavanne, i. 848 †; from Algeria to the N. of Tripoli, i. 741 †
 Lybian desert, of, iv. 634; geological history of, iv. 636
 Origin and character of, Murray on, xii. 464
 Physical character of, xii. 622, 623; geography of, Cornu on, iv. 439, viii. 131 †
 Railway, proposed, across, ii. 183, 433; Duponchel on, i. 149 †; map of, vi. 488; Rolland on, xii. 299; survey for, Flatters. *See* Expeditions.
 Rain in, v. 428
 South-Western, and Trarza country, Fabert on, xiv. 338
 Souvenirs of a Mission to El Golea, Choisy, iv. 120 †
 Subterranean waters of, Rolland on, xiv. 324
 Western, Douls' journey in, ix. 760; his assassination, xi. 561
 Sahara-i-Karah-Aghaj, Persia, v. 712
 Sai valley, floods in the, xiii. 407
 Saiad, Indian explorer, v. 553
 Saighan valley, Central Asia, i. 253
 Saigon, notes on (and Cochín-China), Tremlett, i. 391; school of interpreters at, Hamy on, viii. 339; telegraph between Bangkok and, iv. 438
 Saile, F. X., Wandkarte des Kreises Olpe, iv. 192
 Sailing directions, published by the Admiralty, vii. 807
 Sain Noir tribe, Central Africa, x. 497
 St. Aignan (Misima) island, Louisiades, xi. 533
 St. Ambrose and St. Felix islands, geographical features of, iii. 104; surveys of, ii. 420
 Saint-André, A., Le Mexique Aujourd'hui, vi. 236 †
 St. André, H. P. de, La Colonisation de Madagascar sous Louis XV., viii. 672 †
 St. Andro, population of, letter from W. Robinson on the transfer of the, i. 134
 St. Augustin island, xii. 402
 Saint Bernard pass, Little, viii. 639, 642, 644
 St. Bris, T. de, Di-covery of the Name of America, x. 398 †
St. Elias, Mount—
 Climbing of, Williams, xi. 317 †
 Crater of, xi. 430
 Explorations of the district of, xii. 290, 382; Seton-Karr, ix. 52, 269 †; Topham, xi. 424
 Glaciers of, Russell on, xiv. 325
 Height of, ix. 271, 282, xiii. 84, 85; Heilprin on, xii. 754
 Position of, ix. 271, 272; Dallan, ix. 444; Davidson on, xi. 611; Seton-Karr on, xi. 433, 683
 St. Gothard railway, map of the, iii. 508

- St. Jerome, the Pilgrimage of the Holy Paula, transl. Stewart, ix. 323 †
- St. Joaquim, Brazil, ii. 482
- St. John, Capt. H. C., Notes and Sketches from the Wild Coasts of Nipon, iii. 189 †
- St. John, Col. Sir O. B. C., v. 712; surveys on the Afghanistan expedition, i. 64; on Merv and its surroundings, iv. 356; obituary of, Goldsmid, xiii. 434
- St. John. C. L., on cinchona cultivation in Réunion, ix. 578
- St. John, Sir Spencer, Hayti, or the Black Republic, vii. 696 †
- St. John or D'EpINETTE fort, v. 652, 653
- St. Joseph river and district, New Guinea, x. 33, 248, xii. 692; Du Chillaud on the, x. 389; journey up the, Cameron and English, xi. 48
- St. Kilda and the St. Kildians, Connell, ix. 392 †
- St. Lawrence, lower basin of the, and lake region of Labrador, Laflamme on, vi. 681
- St. Louis, railway from, to Dakar, progress of, v. 175
- St. Marie and Nossi-bé islands, area and population of, v. 628
- St. Martin, V. de, Atlas Universel de Géographie Moderne, i. 415, iii. 256, vi. 364, vii. 495, viii. 679, ix. 729 x. 484, xi. 467, 580, 640, 704, 759, xii. 127, xiii. 512, xiv. 351, 816; Nouveau Dictionnaire de Géographie Universelle, i. 347 †
- St. Michael island, Azores, a few notes on the, Kettle, ix. 205
- St. Michael's, Alaska, iv. 662
- St. Michael's Mount island, Fernando de Noronha, x. 426, 430
- Saint-Michel, Mont, La Baie du, Potiche, xiv. 806 †
- St. Paul de Loanda. *See* Loanda.
- St. Petersburg Academy of Science report, xiii. 181; Imp. Geogr. Society, jubilee meeting of, 1880, ii. 323; proceedings of, i. 146, 221, 281, 341, 403, ii. 68, 137, 388, 778, iii. 57, 113, 374, 635, iv. 108, 244, 768, 770, v. 45, 46, vi. 163 (*see also* Russia); international Polar conference at, 1881, iii. 635
- St. Pol Lias, Brau de, journey in the Eastern Archipelago, etc., ii. 253, v. 496; Perak, v. 305 †; report on the earthquake at Sunda Straits, v. 737; Île de Sumatra, vi. 169 †; De France à Sumatra, vi. 543 †; on eruption of Krakatau, viii. 59
- St. Thomas, Gulf of Guinea, maps of, viii. 413, xiv. 67; *id.*, Greeff and De Aranjó, vi. 361
- St. Thomas, West Indies, commerce of, Taylor, xiv. 638; harbour of, xiv. 473
- Saipan island, Marche's explorations in, ix. 759
- Saisi river, E. Africa, xii. 225, xiii. 93
- Saitu. *See* Saebu.
- Saja, chief, v. 522, 524, 525
- Sajama, cone of, La Paz river, v. 344
- Sakai tribe, Malay peninsula, x. 121, xiv. 539
- Sakalava plain, Madagascar, xiii. 560; tribe, i. 663, v. 402, xi. 301
- Sakhalin. *See* Saghalien.
- Sakhi-Sawar pass, i. 56
- Sakkan river, Persia, v. 716
- Sakkar, railway from, to Candahar, ii. 241
- Salaam glacier, Caucasus, xiv. 111
- Salado river, Gran Chaco, viii. 337
- Salaga town, Gold Coast, viii. 246, 722; Basel missionaries' visit to, viii. 253
- Salamanca glacier and peak, Caucasus, xi. 360
- Salar tribe, ix. 234
- Sálásh, Southern Persia, v. 69
- Salawat pass, Caucasus, xiii. 314, 315
- Saleijer island, map of, Engelhard, viii. 608
- Salinas de Garcimendoza, Bolivia, iv. 673
- Salinas, Rio, Guatemala, v. 196, 202
- Salis, M. de, plan for moderating strength of Swiss streams, xiii. 690
- Salisbury, Fort, Mashonaland, xiii. 12; position of, xiii. 18 *note*, 609
- Sallala town, viii. 100
- Salle, Cavalier de la, discovery of the Ohio and Mississippi, ii. 320
- Salmon, Alexander, agent of the "Maison Brander" of Tahiti, v. 40
- Salor Turkomans, iii. 542
- Salt river, Athabasca, v. 643, 648
- Salta, province of, map of south division of, Brackebusch, v. 630
- Salton lake, Colorado desert, xiv. 311
- Saltykof, N., on the Mean Sea-level at Cronstadt, xi. 392 †
- Saluinan Bashi peak, height of, xii. 284
- Saluinan Chiran névé and pass; Caucasus, xi. 671, 675
- Salvadori, Count, work on birds of New Guinea, v. 516
- Salvator, Ludwig, Paxos and Antipaxos, x. 47 †
- Salvin, O., on Markham's visit to the Galapagos islands, ii. 755
- Salwin river, vii. 295, 317, viii. 1, 484, ix. 363, xiii. 685; origin and orthography of the name, xi. 92; source of the, Gill and Black on, v. 664; Hallett on, iv. 318; De Rhins on, x. 170; Walker on, ix. 252 †; upper, proposed exploration of, Agnew, ix. 170
- Salwin valley, unhealthiness of, i. 508
- Salys, settlement of, at Zúr-abád, v. 11
- Salzburg, etc., maps of—xii. 54; (relief), ix. 655; Alps of, Ravenstein, ix. 592
- Salzkammergut, maps of—xii. 54; Maschet, viii. 540; Ravenstein, ix. 592
- Samara or Simé, Tibet, v. 100
- Samana bay, chart of, vi. 428
- Samana range, xiv. 482
- Samanez y Ocampo, J. B., Exploracion de los Rios Apurimac, etc., xi. 59 †
- Samara Country, Sayings and Traditions of the, Sadovnikov, viii. 209 †
- Samarkand, town of, xi. 289; railway to *see* Trans-Caspian; road from, to Karshi iii. 730

Samayme, distance from, to Mobammerah, v. 156

Samba district, Central Africa, xiv. 179

Sambalulu, volcanic cone, Central Africa, vii. 606

Samburu or Rudolf lake, Count Teleki's discovery of, xi. 407, 408, 560

Samiría, tributary of the Amazons, iii. 739

Sam-keuk-san or Three-horned mountain, viii. 297

Samoa haven, German New Guinea, viii. 332

Samoa Islands, viii. 559, 566—

Correspondence respecting, xi. 463 †

Maps of—Heikt, xi. 402; illustrating treaty with Germany, i. 750

My Consulate in, Churchward, ix. 651 †

Notes on, Marques, xi. 463 †

Samoa a Hundred Years Ago and long before, Turner, vi. 357 †

United States Documents on, xi. 635

Samoa, Visits to New Guinea in the, 1884–85, Finsch, xi. 121 †

Samone valley, Burma, x. 262

Samoyede people, Novaya Zemlya, ii. 19

Sampaio, E. J. F., *Exploração dos Rios Itapetinga e Parapanema* (map), xii. 253

Sampson, V., Kafir wars; their origin and history, i. 204

Sam Sams, tribe of, Siam, x. 121

Samuells, Capt., surveys in the Afghanistan expedition, i. 64, 256

Samuelson, James, Roumania, Past and Present, iv. 573 †; Bulgaria, Past and Present, x. 251 †; India, Past and Present, xii. 186 †

Samur river, Caucasus, xiii. 319, 321

San Ambrosio and San Felix islands, history of, iii. 180

San Antonio, Rio, Brazil, x. 62, 78

San Antonio, Madeira river, temperature at, viii. 363

San Benito river, vii. 817

San Bernadino, Rio, latitude of, xii. 415

San Buenaventura, Bolivia, v. 335

San Christoval, or Bauro island, xii. 414–416

San Domingo. *See* Santo Domingo.

San Fernando rapid, Bolivia, v. 339

San Fernando town, Orinoco, x. 100

San Francisco, geographical society at, proceedings of, 1881, iii. 710, 761

San Francisco river, Brazil, viii. 357, 361, 363

San Joaquim river, Bolivia, iii. 408

San Jorge, Uruguay, journey to, Christison, ii. 665, *et seq.*

San José, Bolivia, v. 329, 335, x. 62, 69

San Juan river, platinum from, v. 257, 258; valley of the, v. 255

San Juan de Cesar, Colombia, i. 691

San Pablo and San Pedro volcanoes, xiv. 709

San Pablo, copper mines at, v. 261

San Paulo. *See* São.

San Remo, Western Riviera and, Hassall, i. 808 †

San Salvador, Cent. America, Catalogue of Exhibits at the Paris Exhibition, 1889, xi. 635 †; Topography of, Guzman, vi. 103 †; Volcanic Phenomena in the Lake of Tlopanco in, Rockstroh, ii. 710 †

San Salvador, West Africa, i. 235, v. 693

San Sebastian de Rábago, Colombia, i. 692

Sanaa, town, Yemen, ix. 484

Sand, wind-driven, surface action of, Stone on, viii. 192

Sanda country and people, xiv. 438

Sandakan bay, N. Borneo, iii. 592, x. 24

Sandakphu, Mount, viii. 91

Sandemann, E. F., Eight Months in an Ox-wagon, ii. 141 †

Sandeman, Lieut.-Col. J. E., iii. 400; survey of routes in Afghanistan, ii. 223; the River Irawadi and its Sources, iv. 257 †; examination of the Upper Irawadi, iv. 560; remarks on the Irawadi, vii. 303; survey work in India, x. 650

Sandeman, Sir R., expedition to S.E. Beluchistan, v. 720; Zhob and Gomul expedition, xii. 169; tour in Baluchistan, xiii. 173, 228; surveys in India, xiii. 401; on the new trade route between Persia and India, xiv. 123; obituary of, xiv. 187

Sanderson, J., notes to accompany sketch maps of the Zulu and Amatonga countries, i. 204

Sandfell, Iceland, xiv. 847

Sandwich, or Vatié island, viii. 548; Brown's visit to, iii. 216

Sandwich islands, map of, ix. 725; work on, Anrep-Elmpt, vi. 544 †

Sandwith, T. B., on the forests of Tunis, ix. 682

Sandys, J. E., An Easter Vacation in Greece, ix. 315 †

Sanga country, Central Africa, xi. 76

Sanga river as the probable source of the Lohit Brahmaputra, ix. 365, 369

Sangar volcano, Ecuador, iii. 457, 458

Sangha river, Falls, Congo, v. 699

Sangara country, xiv. 450

Sangareah bay, vii. 183

Sangay mts., S. America, xiv. 127

Sangazi river, Central Africa, xii. 746

Sangbur, vii. 165

Sang-chu river, Tibet, ix. 226

Sangei Tenok river, Malay Peninsula, xiv. 536

Sanger, E. B., on the topography of the eastern region of S. Australia, iii. 496

Sangha river, West Central Africa, xiii. 687; Cholet's explorations of, xiii. 38

Sanghar and Sakhi-Sawar passes, i. 55

Sangir islands, Malay Archipelago, description of, i. 667

Sangpo. *See* Sanpo.

Sangurua hill, Central Africa, xiii. 688

San-ho city and river, China, v. 23

Sanich Dawan, Turkistan, xiv. 782

- Sanieduleh, Mohammed Assan Khan, on the district of Talogun, vii. 399
- Sankuru river, W. Africa, v. 174, vii. 739, xiv. 178; and Upper Kassai, explorations on the, by Dr. L. Wolf, ix. 640. *et seq.*; latitude, longitude, and comparative volume of, viii. 628; original map of, and its tributaries, x. 247
- Sannabor island, purchase of, vii. 113
- Sannaga river, Cameroons district, xii. 464, xiv. 324
- Sanpo (Yaro, or Yarkiu) river, Tibet, v. 169, 236, 488, vii. 76, 82, 87, 294, viii. 425, ix. 353; course of, and supposed connection with the Irrawaddy, on, iii. 314; Gordon, on, vii. 11; on, iv. 317-321; Sandeman on, iv. 258, *et seq.*; above Chetang, vii. 321; east of, v. 370; explorations of, i. 273, 354, 593, ii. 370, iv. 258, *et seq.*; identity with the Dihong, viii. 99; its Tibetan name (Yarkiu-Sanpo), vii. 312; map of part of, ii. 205
- Sans, R. M., *Importancia y necesidad del Estudio de la Geografía*, x. 744 †; *Memoria Historica del Colegio de Misiones*, xi. 193 †
- San-sing, town of, ix. 554
- Santa river, Peru, v. 267
- Santa Ana, Bolivia, v. 329, 331
- Santa Anna and Catalina, Solomon Islands, latitude of, xii. 415, 416
- Santa Anna Nery, Baron de, on the death of Mr. Bates, xiv. 249
- Santa Catharina, Cape, West Africa, v. 229
- Santa Cruz, Colombia, i. 693; General Information on the Province of, Viedma, viii. 211 †
- Santa Cruz de Mar Pequeña, N.W. Africa, *Memoria Sobre*, Guliano, i. 405 †
- Santa Cruz, Yucatan, ii. 131; journey from British Honduras to, Miller, xi. 23 †; Indians of, ii. 581, xi. 27
- Santa Fé de Antioquia, city of, Colombia, v. 255
- Santa Fé de Bogotá. *See* Bogotá.
- Santa Fé, province of, Argentine Republic, census of, 1887, xi. 316; Geographical Description of, and Statistics of, Carrasco, vi. 543, viii. 410; map of, x. 259
- Santa Felicidad rapid, Bolivia, v. 339
- Santa Maria de la Concepcion, island of, xiv. 595
- Santa Maria of Columbus, the, xiv. 700
- Santa Marta, Colombia, early history of, iii. 721; Sierra Nevada of, Topography, etc., of, Simons, i. 689*, iii. 705*; *Voyage à*, Reclus, iii. 576 †
- Santa Rosa, Bolivia, v. 329, 339, xii. 229
- Santarem, Vic. de, *Memoria Sobre o Estabelecimento de Macau*, i. 740 †
- Santiago, Cape Verde islands, plan of Porto da Praia in, ix. 211
- Santiago, Solomon islands, latitude of, xii. 415
- Santini, *Dictionnaire géographique des Communes de France et de l'étranger*, x. 233 †
- Santo Antão island, maps of, ix. 593
- Santo Domingo, journey into the highlands of, Eggers, x. 239; map of, Leyritz, vii. 700; Meteorological Observations in, xii. 771 †; Report of American Commission of Inquiry to, vii. 696 †; Republic of, at the Paris Exhibition, 1889, xi. 634 †
- Santo-lo river, Central Asia, xiii. 214
- Santorin and its Eruptions, Fouqué, i. 282 †
- Santos, F. J. dos, Ethiopia Oriental, xiv. 808 †
- Santurce, Spain, nautical school at, iv. 301
- Santvoort, Lieut. Schouw, expedition to Sumatra, i. 763, 776
- Sanyati river, Central Africa, iii. 170
- Sanu tribe, Kaftristan, iii. 291, 292
- São Bom Jezus da Lapa, limestone formations near, viii. 361
- São João del Rey, barrancas near, viii. 366
- São João do Sul, S. W. Africa, v. 459
- São Paulo province, condition of trade in, Bennett on, x. 383; Journey in, Holme, ix. 108*
- São Pedro do Rio Grande do Sul, map of, xii. 189
- Sapão river, Brazil, viii. 362
- Sapeto, Prof. G., Ethiopia, xii. 640 †
- Saporta, Count, on ancient Polar vegetation, i. 68; on the laws of distribution, iii. 606
- Sapper, Dr. K., Visit to Lake Yzabel, Guatemala, xiv. 804. 874 †
- Sapporo, growth of, i. 275
- Saracocha, altitude of, Peru, xii. 229
- Saraghat pass, Turkistan, xiv. 781
- Sarak, Persia, v. 59
- Sarakhs, iv. 218, 219, v. 3, 16; Journeys to, Lessar, iv. 486*, Radde, viii. 720; Old, Salys at, v. 11; position of, iv. 566; roads from, to Herat, v. 7, 15
- Saramethi peak, Upper Burma, ix. 40, xi. 197
- Sarapion, ancient town in Africa, xiii. 525, 526
- Sararé, Rio, Brazil, viii. 354
- Sarasara mount, Peru, xii. 291
- Sarasin, Dr. F., on the geographical conditions of the island of Ceylon, ix. 391
- Sarasin, Dr. P., on the Veddas of Ceylon, xii. 232
- Saraswati river, vii. 705, *et seq.*, 715
- Sarat Chandra Das, Back premium awarded to, ix. 311, 454
- Saratoga hill, Afghanistan, i. 626
- Sara-urcu mt., Ecuador, Whympers ascent of, iii. 466-469
- Sarawak, Notes on, Crocker, iii. 193*
- Sarbadhicary, S., A Sojourn in India, xiii. 239 †
- Sardinia, general map of, xiv. 199; Simonet's map of, vi. 174
- Sardinia and the Sardes, Edwardes, xii. 568 †; Bird's-eye View of, in 1882, De Bellet, vi. 235 †; map of, xiv. 199; *id.*, Simonet, vi. 174; Resources of, Tennant, vii. 829 †

- Sardoba Chil-gumbez, iii. 726
 Sargasso Sea, map of, xiii. 447; Krummel on, xiii. 613; researches of the *Talisman* in, vi. 95
 Sargent, Prof. C. S., maps accompanying report on forest trees of N. America, vii. 522. *Vermont Forest and Game Commission*
 Sarbad town, xiv. 19
 Sari-jas, glacier groups on the upper course of the, x. 598
 Sari-kash-ban pass, viii. 41
 Sarik Turkomans, vii. 282-289, 565, 566
 Sarik-Tuz-Su river, Central Asia, xii. 163, 164
 Saripul river, i. 387
 Sarjektjåkko mountain, Sweden, vii. 611, viii. 58
 Sarlat range, ii. 231
 Sarmiento, A. de M., Delta do Zambeze (map), iv. 254
 Sarpo Lago river, Turkistan, x. 507
 Sarsaparilla plant, ii. 195; on the Athabasca, v. 639
 Sarshela river, viii. 331, 332
 Sart tribe, Central Asia, ii. 497, xii. 28
 Suruk tribe, Persia, iii. 542
 Sar-Ulang pass, Hindu Kush, i. 115
 Sary-Kamish basin, Central Asia, iv. 170, ix. 626, xiii. 296, xiv. 236
 Sary-tagh river, viii. 35
 Sâsir pass, height of, xii. 90
 Saskatchewan river, ii. 579, v. 633, 644; depth of frozen soil at the, viii. 743, 744
 Sassanian sepulchres in S. Persia, v. 144
 Sat glacier, Himalayas, xiii. 410
 Satgumbaz ruins in the Sundarban, xiii. 281
 Satow, E. M., Handbook for Travellers in Japan (in part) †, iii. 441, vi. 355; essay towards a bibliography of Siam, ix. 587; remarks on Siam, x. 129; the Jesuit Mission Press in Japan, 1591-1610, xi. 120 †
 Satsuma province, Japan, ix. 100
 Sauer, A., Die Alte Neckarbetten in der Rheinebene, xiv. 867 †
 Sauley, F. de, Jérusalem, iv. 120 †
 Saunders-Forster, C. G., Beneath Parnasian Clouds, etc., ix. 316 †
 Saunders, Trelawny, map of the Khaibar, Karkatchla, and Kurram passes, i. 156; of Kabul and surrounding country, ii. 333; of surveys of ancient Babylon, etc., viii. 479; on the sources of the Irawadi river, iv. 267; the journey of A. K. on the frontiers of India and China, vi. 667; on dominion surveys, vi. 675; atlas of India, xi. 523; remarks at evening meetings, i. 682, ii. 304, 651, iii. 297, vi. 396, viii. 729, ix. 703
 Savak, lake and town of, Persia, x. 624, 625 *note*; river, x. 626 *note*
 Savannah of British Guiana, ii. 466, 477-485
 Savanots Indians, Athabasca, v. 649
 Save, the Danube, and the Balkan, Leger, vi. 168 †
 Savelieff, M., on the substitution of hypsothermometers for mercurial barometers, xi. 179
 Savo island and natives, x. 373, xii. 397, 415
 Savoureaux, M. Le, explorations in the Cororah region, W. Africa, vi. 298
 Savoy, landslips in, vi. 339; glacial catastrophe in, xiv. 550
 Saxaul shrub of Central Asia, ix. 216
Saxifraga, distribution of, in Alpine Flora, i. 577
 Saxony, Calendar and Statistical Year-book of, x. 47 †; cartography of, Ruge on, iii. 57; maps of:—Bamberg (school, wall), ix. 392; Bismarck, iii. 765; Kullmann (school), v. 440; (topographical), iv. 328, vii. 199, xii. 367; (geological), x. 655, xii. 187
 Saya de Malha bank, survey of, iv. 556
 Scandinavia, changes of level in, Girard on, vii. 542; geological map of, xii. 367; political wall-map of, ix. 787
 Scandinavians, Ancient, The Vineland Excursions of the, Löffler, viii. 411 †
 Scaramucci, F., Notizie sui Danakil, vii. 618 †
 Scassy, M., explorations in the Pamir, ii. 504; in the Chinese Empire, xi. 311
 Schaff, P., Through Bible Lands, i. 151 †
 Schandau, map of environs of, Dachsels, iv. 578
 Scheda, J. R. von, General-Karte der Balkan-Länder, ii. 464, xiv. 65; map of the Austro-Hungarian kingdom, v. 627
 Schefer, Ch., Relation de l'Ambassade au Kharezm de Riza Gouly Khan, i. 810 †; Relation du Voyage de Nassiri Khosrau en Syrie, etc., iv. 120 †; Le Voyage de la Sainte Cité de Hierusalem, iv. 772 †
 Schelle, Herr van, exploration of the island of Flores, xii. 467
 Schellong, Dr. O., Die Jâbim-Sprache der Finschhafen Gegend, xii. 642 †
 Schellurtz, D., Die Landesaufnahme in Russland, vii. 403 †
 Schenck, Dr. A., Das Gebiet zwischen Angra Pequena und Bethanien, vii. 346 †; on the geological features and gold fields of the Transvaal, etc., x. 249, 442; Geologische Skizze von Süd Afrika (map), x. 612; explorations in Nama Land and Herero Land, xi. 183, 184
 Schenck, Herr F. von, journey in South America, iv. 177
 Scherzer, Dr. K. von, Die Wirtschaftliche Leben der Völker, ix. 135 †
 Schiller, Prof., on the Pass of Hannibal, viii. 641, 643
 Schiltberger, J., the Bondage and Travels of, transl. Neumann, i. 744 †; map illustrative of the travels of, Telfer, i. 816
 Schimpff, F., Küstenkarte des Adriatischen Meeres, ii. 143

- Schindler. *See* Houtum-Schindler.
 Schindler, Rev. F., trip across the Upper Zambesi, xiv. 632
 Schinz, Dr. Hans, explorations in South-Western Africa, viii. 650, ix. 243, 584; Durch Süd-West Africa, ix. 714 †; Deutsche Süd-West Africa, xiii. 507 †
 Schirmer, H., Le Tonat, xiv. 727 †
 Schlachten-Atlas des neunzehnten Jahrhunderts, viii. 352
 Schlagintweit, The Brothers, Das Kaiserreich Ostindien, nach der Reisen der Brüder S., Werner, vi. 608 †
 Schlagintweit, E., Indien in Wort und Bild, ii. 140 †
 Schlagintweit, H. von, Reisen in Indien und Hochasien, i. 810 †; measurements of the Brahmaputra, vii. 320; on Mount Everest, viii. 89, 878, 179
 Schlagintweit, Robert von, Die Pacificischen Eisenbahnen in Nordamerika, viii. 537 †
 Schlegel, G., Fou sang Kouo, xiv. 570 †
 Schleicher, A. W., Afrikanische Petrefakten, xiv. 63 †
 Schleinitz, Admiral von, explorations in German New Guinea, viii. 719, ix. 120, 309, x. 33; exploration of the coast of New Britain, x. 303; map of the coast of Kaiser Wilhelm's Land, xi. 607
 Schleinitz, Capt., report on the expeditions for Polar scientific observations, iv. 569
 Schleswig, population of, Hansen, xiv. 658 †; schemes for a harbour on W. coast of (map), xii. 367
 Schleswig-Holstein, flora of, map of, Krause, xi. 399; forests of, xiv. 800; railway and road map of, Seelig, ii. 656; school wall map of, Kiepert, v. 312
 Seilly, Commander, Greely relief expedition under, vi. 154, 367; the rescue of Greely, vii. 489 †
 Schlichter, Dr. H., Ptolemy's Topography of Eastern Equatorial Africa, xiii. 513*; the geography of South-West Africa, xiii. 633; the Pygmy Tribe of Africa, xiv. 503 †; celestial photography as a handmaid to geography, xiv. 714
 Schliemann, Dr. H., Ilios Stadt und Land der Trojaner, iii. 61 †; Troja: Researches on the site of Homer's Troy, vi. 100 †; the Prehistoric Palace of the Kings of Tiryns, viii. 402 †
 Schlumberger, G., Les Isles des Princes, vi. 235 †
 Schmeltz, J., and Krause, R., Die Ethnographisch-Anthropologische Abtheilung des Museum Godeffroy in Hamburg †, ii. 712, iii. 249
 Schmick, Prof., on changes in the sea-level, xiv. 639
 Schmidt, A., Reise in Usaramo und den Deutschen Schutzgebieten Central-Ostafrikas, ix. 714 †
 Schmidt, Dr. K. W., Sansibar: Ein Ostafrikanisches Culturbild, x. 177 †; on the soil and climate of E. Africa, xi.

- Schmidt, Dr. K. W.—*continued*—
 306, xii. 376; visit to Keith Johnston's grave, xii. 615
 Schmidt, F. M., Ueber Rubruks Reise von 1253-55, vii. 617 †
 Schmidt, M., work in the territory of Akmolinsk, xi. 312
 Schneider, Dr. P., Die Siedelungen an Meerbusen in ihrer Abhängigkeit von den Geographischen Bedingungen, v. 50 †
 Schneider, O., and H. Haas, Von Algier nach Oran und Tlemcen, i. 151 †
 Schnell, Dr. P., Das Marokkanische Atlasgebirge, xiv. 426 †
 Schomburgh, Sir R., boundary of British Guiana laid down by, ii. 482, xiv. 669; visit to Mt. Roraima, vi. 663, 671, vii. 510, 528
 Schön, Rev. J. F., obituary of, xi. 423
 Schönbrunn, new plan of Vienna, v. 501
 Schoner, Johann, Reproduction of his Globe of 1523, etc., Stevens and Coote, x. 319 †
 Schott, Dr. G., Die Meeresströmungen und Temperaturverhältnisse in den Ostasiatischen Gewässern, xiii. 724, (map) 696
 Schouten islands, off New Guinea, v. 512
 Schouvaloff, Count, receives medal for Colonel Prejevalsky, i. 467
 Schouw Santvoort, Lieut., expedition in Sumatra, i. 763, 766
 Schperck, Fr., Russia of the Distant East, viii. 62 †
 Schrabisch, O., Statist. Situations-Übersichtskarte des Reg.-Bezirks Aachen, i. 349
 Schrader, Dr., meteorological expedition to South Georgia island, iv. 293, vi. 663; on the earliest Indo-European races, vi. 165; explorations in New Guinea, viii. 101, 719, x. 34, 241
 Schrader, E., Keilschriften und Geschichtsforschung, i. 152 †
 Schrader, F., on Alpine clubs, i. 280; map of Central Pyrenees, v. 683; on the laws of snowstorms in mountains, vii. 398; on sketch map of Lake Nahuel Huapi, vii. 396; on the Orography of the Pyrenees, ix. 685; Atlas de Géographie moderne, xi. 580; L'Année cartographique, etc., xiii. 699, xiv. 736
 Schreiner, L., Plana da Cidade de Sn. Sebastião do Rio de Janeiro, iv. 454
 Schrenck, L. von, Reisen und Forschungen im Amur-Lande †, iv. 323, xiv. 570; (and O. J. Maximowicz), Beiträge zur Kenntniss des Russischen Reiches, etc., ix. 517 †
 Schröder, H. P., Grammatik for Zulu Sproget, i. 205 †
 Schreier, H., the Trade of the Province of Kwang-Si, etc., x. 107 †
 Schropp and Co., Spezialkarte der ober-schlesischen Bergreviere, iv. 328

- Schück, Capt. A., Magnetic Observations on the Elbe, etc., ix. 135 †
- Schuler, H. E., Dislocations-Karte der Indo-britischen Streitkräfte in Ost-Indien, etc., xiv. 349
- Schultz, M. von, survey for railroad to Sea of Aral, iv. 548
- Schultz, R. and Co., Plan der Stadt Strassburg, ii. 396; school wall map of Austria-Hungary, iii. 128
- Schulz, R. A., Distanz und Eisenbahn-Karte des Deutschen Reiches, vi. 106; Karte des Schneebergs und der Raxalpe, ii. 524, 592
- Schulze, Lieut. E., expedition to the Congo, viii. 634
- Schulze, Dr. E., Ueber die Geographische Verbreitung der Süßwasserfische von Mitteleuropa, xiii. 52 †
- Schumacher, G., Across the Jordan, viii. 276 †; Der Dscholan, ix. 317 †; the Jaulan, x. 107 †; survey in Palestine, x. 719; Pella, xi. 186 †; Abila of the Decapolis, xi. 513 †; Northern 'Ajlun within the Decapolis, xiv. 132 †
- Schumacher, Hermann A., South American Biographies, v. 746 †
- Schumann, Dr. Carl, Verbreitung der Lauraceen (map), v. 748
- Schunke, H. C., Trigonometrical survey of the Transvaal, vii. 610; Kaffraria und die Östlichen Grenz-Distrikte der Cap-Kolonie (map), viii. 285
- Schütt, Herr O., explorations in W. Africa, i. 75, 145, 536, 808, iv. 678; Reisen im Südwestlichen Becken des Congo, iii. 575 †
- Schurer, J. M., expedition across Africa from North to South, iii. 587, 736, iv. 44, 230; map of his explorations on the Blue Nile, v. 629; Originalkarte der Wüsten-Hügel in Nord-Westen von Chartum, vi. 175; assassination of, vi. 90, 249
- Schuyler, Eugene, obituary of, xiii. 400
- Schwäbischen Alb, map of northern part of the, Bofinger, ii. 714
- Schwartz, M., surveys in Turkistan, i. 385; expedition in Eastern Bokhara, ix. 432, xi. 311
- Schwarz, Dr. B., Algerien; Küste, Atlas und Wüste, iv. 62 †; Montenegro, Reise durch das Innere, iv. 701 †; Die Erschliessung der Gebirge, etc., vii. 694 †; Kamerun, Reise im dem Hinterlande der Kolonie, ix. 320 †
- Schwarz, Theo., Ueber Fels und Firn, etc., vii. 694 †
- Schwatka, Lieut., expedition in search of Franklin relics, ii. 508; *id.*, Markham on, ii. 657 †; "Roquette" prize awarded to, v. 174, 358; Along Alaska's Great River, viii. 475 †; expedition to Alaska, viii. 526, 599, 652; *id.*, Dall on, ix. 444; Wondeland; or, Alaska and the Inland Passage, xi. 59 †; explorations in the Yukon district, xiv. 561
- Schweiger-Lerchenfeld, A. von, Armenien, i. 148 †; orographical and botanical map of Asia Minor, i. 157; Bosnien, das Land und seine Bewohner, i. 283 †; Der Orient, iii. 319 †; Greece, v. 48 †; the Adriatic, v. 49 †; Das Mittelmeer, ix. 463 †
- Schweinfurth, Dr. G., v. 178, 704; visit to Socotra, iii. 572; diagram of Wissmann's journey across Africa, v. 163; Linguistische Ergebnisse einer Reise nach Centralafrika, viii. 132 †; on the connection of the Raian Basin with the Nile, viii. 456; Alte Baureste und hieroglyphische Inschriften in Uadi Gasus, viii. 601 †; Les Ateliers des outils en silex dans le Désert Oriental de l'Egypte, etc., viii. 601 †; Reise in das Depressions-Gebiet des Fajum in 1886, viii. 601 †; Sur une ancienne digue en pierre aux environs de Hérouan, viii. 601 †; Ueber die geologische Schichtengliederung des Mokattam bei Cairo, viii. 601 †; exploration géologique de l'Ouadi Arabah, x. 315 †; Sur la flore des anciens jardins arabes d'Égypt, x. 315 †; expedition in S. W. Arabia, x. 103, 565; on the flora of North Abyssinia and S. W. Arabia, xiii. 734; on the Colony of Eritrea, xiv. 706
- Schwerin, Baron von, mission to the Congo, vii. 817; discovery of Diogo Caõ's pillar at mouth of the Congo, ix. 439
- Schynse, Father, Mit Stanley u. Emin Pasha durch Deutsch Ost-Africa, xii. 361 †; survey of the south-west shore of Victoria Nyanza, xiii. 687
- Selkmore, E. R., Alaska: its southern Coast and the Sitkan Archipelago, viii. 474 †; Jinrikisha Days in Japan, xiv. 570 †
- Science and Art Department, South Kensington, instruction in navigation at the, ix. 301, 302
- Scientific and Literary Missions, Archives of the, xii. 306 †
- Scientific, etc., Lectures and Essays, Merriman, viii. 408 †
- Scientific instruction for intending travellers, report on, Col. s. iii. 237; extension of system of, viii. 393
- Scientific research, Mrs. Thompson's fund in aid of, viii. 52
- Selater, Capt., ascent of Mount Zomba, xiv. 558
- Selater, P. L., the new Maharsjahate of Sabak, Borneo, i. 121; award of Cuthbert Peek grant to, xiii. 295; remarks at evening meetings, iii. 722, iv. 534, v. 516, vi. 133, x. 376, 434, xii. 136, 222
- Slaves, country of the, in Austro-Hungary, Caix de Saint Aymour, v. 676 †
- Sconce, Col., survey work in India, vii. 691
- Scotland—
Atlas (pocket) of, Bartholomew, ix. 466
Early Travellers in, Brown, xiv. 60 †

Scotland—continued—

- Free Church of, Missionary reports of, xiv. 876 †
- Gazetteer, Ordnance, of, Groome, vii. 616 †
- Geological map of, Geikie, xiv. 732
- Guides to †—(Highlands), iii. 573; (Lowlands), viii. 746
- Maps of:—Bacon, xiv. 663; Bartholomew (orographical), vii. 411; (reduced Ordnance), i. 154, v. 501, 627, viii. 478, 605, xiii. 309, 641; (tourist's), xiii. 378; Rand, McNally and Co., xiv. 732
- Scenery of, viewed in connection with its Physical Geology, Geikie, ix. 710 †
- Tours in, Kirk and Thorseby's, 1677 and 1681, Brown, xiv. 721 †
- Scott, G. B., surveys in India, xiii. 401
- Scott, J. G., France and Tong-king, vii. 405 †; the Hill Slopes of Tong-king, viii. 217 †; Burma as it Was, as it Is, and as it Will Be, viii. 601 †; the British Shan States, xi. 570 †
- Scott, Mr., surveys on the Afghanistan expedition, i. 64
- Scott, R. H., the Variability of the Temperature of the British Isles, xii. 702 †; on the results of the *Challenger* expedition, xiii. 154
- Scott, Rev. D. C., Cyclopaedic Dictionary of the Manganja Language, xiv. 872 †
- Scott-Stevenson, E., Our Home in Cyprus, i. 809 †; Our Ride through Asia Minor, iii. 693 †
- Scottish Missionary Society's geographical work in Africa, i. 361
- Scovell, Mr., on the Height of Mount Orizaba, xiv. 804, 874 †
- Scratchley, Mount, New Guinea, xi. 606, xii. 216
- Scratchley, Sir P., reports on British New Guinea, viii. 596
- Scribner, G. H., Where did Life Begin? vi. 105 †
- Scribner's statistical atlas of the United States, viii. 351
- Scutari, Lake of, Hassert, xiv. 569 †
- Sea, meteorology and temperature of the, progress of research in, iii. 630, 632
- Sea, open, force of the wind and thunderstorms over, xiii. 143, 144
- Sea surfaces, temperature of, xiii. 139
- Sea temperature on the Continental Shelf, Mill on, x. 667
- Sea-coasts, investigations into the rising and sinking of, Hahn, i. 409 †
- Sea-level, the Form and Position of, Woodward, xii. 366 †
- Seal lake, Labrador, ii. 193
- Sealy, Mr., journeys in New Zealand, vi. 59
- Seas and Lands, Arnold, xiv. 64 †
- Seas and Skies in Many Latitudes, Abercromby, xi. 122 †
- Seasons, etc., movable diagram illustrating the, Mason, viii. 352, x. 809

- Seate river, Basutoland, x. 522
- Sebakwe river, Matabeleland, x. 294
- Sebange river, ix. 301
- Sebka Tarfa, Sahara, xiv. 708
- Sebon river, Morocco, xiii. 164, 165, 166
- Sécanais, North American Indians, v. 651
- Secass tribe, Malay Archipelago, x. 596
- Secheli's country, population and extent of, i. 711
- Sechuen. *See* Sze-chuen.
- Securé river, Bolivia, v. 343
- Sediya lowland, E. Africa, i. 553
- Seeborg, P., Kultur- und Wirtschaftsbilder aus dem Nördlichen Russland, xiv. 867 †
- Seeböhm, H., Siberia in Europe, ii. 780 †; Siberia in Asia, iv. 773 †; remarks at evening meetings, xiv. 32, 453
- Seeley, Prof. H. G., the Freshwater Fishes of Europe, viii. 478 †; on the scope and method of geography, ix. 168; on the teaching of geography at the universities, ix. 700
- Seelstrang, Dr. A., Atlas de la República Argentina, ix. 728
- Sefton, R., explorations in North Borneo, x. 142, 143
- Segama river, North Borneo, gold deposits in, x. 142
- Segou (Sikoro), Soleillet's Journey to, 1878-79, i. 686; Account of the same, Gravier, ix. 714 †
- Séguin, L. G., the Black Forest, its People and Legends, ii. 458 †
- Seguy, Dr. G., Oran et l'Algérie en 1887, x. 671 †
- Seine, department of the, hydrological map of, v. 297
- Seine, map of the, from Paris to the sea, xiv. 580; Bore of the, Dormoy, xiv. 721 †
- Seir, Mount, Sinai and Western Palestine, Hull, ix. 259 †
- Seistan, lake of, i. 194, 198, 259; desiccation of, vi. 665; province of, journey through, Merk and Bhawuldin Khan, viii. 331
- Sekoli river, Congo basin, ix. 298; De Brazza's journey to, viii. 648
- Se-Kololo dialect of the Zambesi tribes, v. 168
- Selander, N., Atlas öfver Sverige, iii. 256; map of Sweden, v. 48, 178
- Selangor, State of, Malay Peninsula, iv. 394-397
- Selby, Lieut., ascent of the Karun river, xii. 510
- Selefkeh, road from, to Mara, xii. 460
- Seler, Dr. E., explorations in Mexico, xi. 182; Reisebriefe aus Mexiko, xii. 438 †
- Selfridge, Commander, surveys in S. America, i. 67, 363
- Seljuks of Anatolia, vi. 307
- Selkirk Range—Among the Glaciers of the, Green, xii. 302 †; Explorations in, Green, xi. 153 †; Topham, xiii. 113,

- Selkirk Range—*continued*—
 554*; Fauna and Flora of, xi. 165, 166; geological structure and climate of, xi. 167, 168
- Selkirk Settlement and the Settlers, Bell, ix. 715†
- Sella, V., photographs of Caucasian scenery, xii. 96, 97; award of Murchison grant to, xii. 288; Monte Rosa e Gressoney, xii. 767†; Nel Caucaso centrale, xii. 433, xiii. 737; explorations in the Caucasus, xiv. 108; photographs of the Alps, xiv. 203
- Sellar, A. Craig, on the voyage of the *Elra* to Franz-Josef Land, v. 223
- Selous, F. C., Explorations and Journeys in Mashonaland and Central Africa, ii. 367, iii. 391, 452, 391, v. 168, 268, 382, vi. 284, x. 164, 293*, xi. 78, 216, xii. 146*, 377; A Hunter's Wanderings in Africa†, iv. 63, xii. 362; Onthbert Peek Grant awarded to, v. 297, 422; Buck premium awarded to, xi. 311; on the *Journal of F. C. Selous*, xiii. 609; *Journal of F. C. Selous*, xiii. 723
- Sel-sai or Fedchenko glacier, Central Asia, i. 592
- Selungs of the Mergui Archipelago, by John Anderson, xii. 434†
- Selwyn, Prof. A. R. C., Report of the Geological Survey of Canada†, iii. 190, iv. 515; on the Prairie fires of N. America, xiv. 96; (and Professor Hayden), North America (Stanford's compendium of geography and travel), v. 432†
- Semellé, M. de, explorations on the Niger, i. 402
- Semena river, Basutoland, x. 523
- Semenoff glacier, the, Thian Shan, x. 598
- Semenoff, M., on the Trans-Caspian railway, xii. 49
- Semenof, P., Geographicheskoe-Statisticheskii Slovar Rossiiskoi Imperii, ix. 525†
- Semio, chief and station, Central Africa, ix. 289, 408
- Semirechinsk, Journey through, to Kuldja, Morgan, iii. 150*; report on agriculture and colonization in, Krasnoff, x. 235
- Semjuka, E. Africa, iv. 735
- Semliki river, Central Africa, xi. 722, xii. 321, 322, xiv. 836
- Semnan, town of, Persia, xii. 591
- Sempach, lake, depth of, ix. 686
- Sendege, E. Africa, iv. 737, 744, 746
- Sendji, Central Asia, iii. 351
- Senecio Johnstoni*, vii. 147
- Senegal, Senegambia**—
 Ancient map of, viii. 205
 Colony of, map of, the, Mathieu, vi. 614, vii. 558
 Expeditions in—Desbordes, ii. 775, iv. 46, v. 36; French, ix. 240, 509; Gallieni, iii. 176, 311, 562, (map), iv. 581
- Senegal, Senegambia**—*continued*—
 Explorations in, from the earliest times, Ancelle, ix. 317†
 France in West Africa, vi. 355†; French Possessions in, xii. 636†
 Journey in, Bayol, ix. 779
 Le Sénégal, Faidherbe, xi. 573†
 River, navigability of tributaries of, x. 379
 Travels in, Mitchinson, iii. 115†
 Tribes of, Béranger-Férand, i. 405†
 Upper—Journey on the, Frey, x. 541†; map of, Derrien, iv. 453; *id.*, Vallière and Pietri, iv. 520; of the topographical mission to, iv. 520
- Senereau, M., journey to W. Africa, ii. 195
- Senga tribe, women of the, viii. 74, 85
- Sengellen river, Patagonia, v. 86
- Sengu river, Basutoland, x. 521, 522
- Sentinel Island, South, Little Andamans, x. 572
- Séoul *See* Söul.
- Sepatynim river, Amazons, ii. 129; Duke's visit to, iii. 234
- Sepp, J. N., Meerfahrt nach Tyrus zur Ausgrabung der Kathedrale mit Barbarossa's Grab, i. 148†
- Ser-ab-i-shah stream, S. Persia, v. 160, 161
- Serapion, distance from Rhaptum to, xiii. 546
- Sérénia, Madame, journeys of, in North Europe and Caucasus, ii. 386; Une Européenne en Perse, iii. 442†
- Sergiopol, Turkistan, iii. 153
- Serhum valley, S. W. Persia, xii. 541, 550
- Seriang, lake, N. Borneo, iii. 203
- Seringapatam city, vii. 724
- Serjeant, Mr., death of, in S. Africa, i. 243
- Serné, S. H., Algemeene Kaart von Nederlandisch Indië, i. 816; Kaart van de Middellandsche Zee en Angrenzende Kustlanden, i. 815
- Serra Cancoma, Zambesi region, viii. 512
- Servia**—
 Economy and Commerce of, Borchgrave, viii. 283†
 Inhabitants and products of, ii. 572
 Maps of—(general), viii. 133; Handtke, xii. 367; Steinhauser, viii. 64; (topographical), xi. 756
 New frontiers between Roumania, Bulgaria, and, map of, Kiepert, iii. 382
 Population of, viii. 532
 Service, Mount, New Guinea, xi. 606, xii. 210, 211
 Sesarga island, Solomon islands, xii. 407
- Sete Kama, West Africa, Walker on, x. 36
- Seton-Karr, Mr., remarks on Kafirstan, iii. 297
- Seton-Karr, Lieut. H. W., account of Mount St. Elias, ix. 52; the Alpine Regions of Alaska, ix. 269*; the Shores and Alps of Alaska, ix. 460†; Ten Years Wild Sport in Foreign Lands, xi.

- Seton-Karr, Lieut. H. W.—*continued*—
 518 †; on the position of Mount St. Elias, xi. 433, 683; visit to the Giant's Kop, Drakensberg range, xi. 678; Explorations in Alaska and North-West British Columbia, xii. 290, xiii. 65*; Bear Hunting in the White Mountains, etc., xiv. 64 †
- Seue, C. M. de, Historisk Beretning om Norges, i. 284 †
- Soul. *See* Soül.
- Seyern or Dumeresq river, Queensland, v. 101
- Severtsof, M., Explorations in the Pamirs, i. 455, 593, ii. 499*, iii. 490, 664; death of, vii. 395; Orographical Sketch of the Pamir System, x. 182 †; on the birds of the Pamir, xiv. 32
- Seyins-Desplaces, M. L., on the French protectorate in the Western Sudan, xi. 389
- Seward Glacier, Mount St. Elias, xiv. 325
- Sewestan, survey of, iv. 342
- Sextant, Manual of the, Thompson, ix. 785 †
- Seychelles Islands, Admiralty surveys of, xiv. 377
- Seydisfjord, ice in the, ix. 684
- Seyler, Mr., ascent of Mount Roraima, xiv. 242
- Seyuba river, Bolivia, v. 328
- Slax, town of, viii. 523
- Shadwell, Sir Charles, memorial to, ix. 764
- Shah Dagb peak, Caucasus, xiii. 313, 319, 322
- Shahidula, Pamirs, xiv. 206
- Shah Kuh mountains, Persia, v. 73, 74, 77
- Shahri-Gulgula ruins, Central Asia, iii. 738
- Shahrud, town of, Northern Persia, v. 80
- Shahwar mountain, Northern Persia, v. 78, 79, 81
- Shakhe Marsh, Persia, v. 157
- Shakir-oghlu-tchivliké plain, viii. 97
- Shaksgam river, Turkistan, x. 507
- Shaktü Valley, Waziristan, Notes on, Young, iv. 537*; list of villages of the, iv. 543
- Shalawe, S. E. Africa, v. 551, vi. 633
- Shalbuw peak, Caucasus, xiii. 313, 318, 321
- Shaler, N. S., on the rivers of New England, ix. 247; Aspects of the Earth, etc., xiii. 130 †; the Morasses of the United States, etc., xiv. 342 †; Nature and Man in America, xiv. 428 †
- Shalkot plains, ii. 234
- Shaluzan, Afghanistan, i. 624
- Sham plateau, Waziristan, i. 56, iv. 538
- Shamba, position of, xi. 664
- Shambara lake, Central Africa, xi. 680
- Shamsabad river, Persia, v. 145
- Shams-ul-Arab stream, S. Persia, v. 160
- Shamu (Gobi) desert, xii. 76
- Shan-Chinese in Upper Burma, xiv. 166
- Shan hills, xiii. 402
- Shan states, iv. 723, v. 457; A Thousand Miles on an Elephant in the, Hallett, xii. 120 †; Journeys in, Archer, xi. 242; Hallett, vi. 91, 220, 446; Lamington, xiii. 701*; Survey in, Jackson, x. 452; traffic, fauna, and scenery of the, viii. 13
- Shans, Among the, Colquhoun, vii. 483 †; reports on the, xiii. 304; Shan tribe, iv. 693, viii. 6, 7, 10, 489, x. 268
- Shansi, province of, v. 455, xii. 60, 62; Ancient Roman Coins from, Bushell, viii. 410 †; Forrest on, ii. 47
- Shantung province, China, map of, Fauvel, i. 80; report on, Gardner, ii. 635; Work on, Armstrong, xiv. 807 †
- Shao-Hing, Southern China, xiii. 257
- Shara Gol, Tibet, xiv. 778
- Sharé, town, W. Africa, iii. 32
- Shari river, ii. 289, *et seq.*, ix. 298, 299; return of Fourneau's expedition to the, xiii. 687
- Sharif, Yusuf, survey work in India, xi. 567, xiii. 401
- Sharpe, Alfred, Journey between the Shiré and Loangwa Rivers, xii. 150*, 377; to the Great Loangwa and Upper Zambesi, xii. 744*; to Garenganze, xiii. 423*, xiv. 86*
- Sharpe, Bowdler, on Jackson and Gedge's journey to Uganda, xiii. 206
- Shart pass, ii. 499, xiv. 6
- Sha-si, China, i. 490
- Shateit river, xiii. 595
- Shat-el-Arab river, Persia, v. 125
- Sha-toze, town of, xii. 443, 444
- Shaw, G. A., Madagascar and France, etc., vii. 406 †; Madagascar of To-day, viii. 747 †
- Shaw, J., the Geography of South Africa, i. 539 †
- Shaw, Mr., on Chinese Turkistan, x. 483
- Shaw, R. B., death and obituary of, i. 528, ii. 402
- Shaw, Russell, on communication between Central Persia and the sea, v. 136
- Shawe, W., map of the British Empire, viii. 752
- Shawer, or Shour river, S. Persia, v. 154
- Shayok river, India, v. 614, 615; upper, glaciers of the, xiii. 423
- Shayok-Kailas, Himalayas, v. 615
- Shdanoff, General, re-survey of Caucasus, xi. 676
- Shebeyli. *See* Webbe Shebeyli
- Sheik-Said, vii. 552
- Sheitan-dere, rock-cut bas-reliefs at, xii. 450
- Shelalieh, Karun river, xiii. 593
- Shelamzar, Persia, v. 145, 146
- Sheldon, Prof., on the Soil of Manitoba, xiv. 87 †
- Shelford, W., on navigation to Hudson's bay, x. 566
- Shelley, Capt. G. E., on the birds of the Somali country, vii. 641

- Shoomalee, Formosa, vii. 13
 Shepperson, W., photographs of Japan, xiii. 512
 Sheranni tribe, Central Asia, iv. 344
 Sherbett, Persia, v. 82
 Sher-Dahan pass and ridge, i. 193
 Sherrieff, W., Report on the Northern Shan States, xii. 246 †
 Sherron, R., and Wallace, J. H., Early History of New Zealand, xiv. 575 †
 Shesheke, Zambesi, ii. 176-179
 Sheshouan, Visit to, Harris, xi. 18 *
 Shiabden monastery, Tibet, vii. 69
 Shiari Lhoba race, vii. 313
 Shibr pass, Hindu Kush, i. 116
 Shichito chain, Japan, ix. 88
 Shidima country, S. Africa, xiii. 349
 Shields, G. O., the Big Game of North America, xiii. 128 †
 Shi-Fanza or Tangutans of Central Asia, xii. 74
 Shi-ho, burning coal-field, Central Asia, xiii. 224
 Shikai, province of, viii. 42
 Shikambe river, E. Africa, viii. 77
 Shikarab, Persia, v. 151
 Shillinglaw, J. J., Historical Records of Port Philip, i. 479 †
 Shin, village of, Caucasus, xiii. 314
 Shin Stargye valley, Waziristan, iv. 541
 Shinano Hida range, Japan, ix. 94
 Shinko or Paperwer river, ix. 292
 Shinto shrine at a Corean village, v. 276
 Shipley, J. B., and Marie A. the English Rediscovery and Colonization of America, xiii. 308. † See Brown, M. A.
 Shipp, B., the History of Hernando de Soto and Florida, iv. 445 †
 Shipuriro's town, S. Africa, xii. 347
 Shirani tribe, i. 55
 Shiraz, Southern Persia, v. 128, 712, 716; badness of road from, to the sea, v. 123; distance and road from, to Bushire, v. 152; Preece's journey from, to Jask, vii. 126
 Shire highlands as Colony and Mission, Buchanan, viii. 276 †; colonization of, xiii. 98; healthiness of, xi. 692, xiv. 822
 Shire river, vi. 514, 578, vii. 336, 649, xii. 715; Journey between the Loangwa and, Sharpe, xii. 150*; between the Rovuma and, Smithies, viii. 99; Johnston's map of, vii. 67; map of Zambesi and, vii. 300, 320; sinking of the water of, viii. 84, 86
 Shirin-djui, route from, to Denau, iii. 726
 Shiristanak, Northern Persia, v. 59
 Shirwa or Kilwa lake, iv. 47, vii. 433, 665, x. 29, 30; supposed connection with the Lujenda, iv. 321, viii. 328; journey to, Drummond, vi. 39; O'Neill, v. 482, 551, vi. 153, 531, 632, 646, 713*; Return from, vi. 725*; new lake south-east of, ix. 439; watershed between Rovuma basin and, viii. 99
 Shirwa tribe (Nguru or Nyanja), ix. 115
 Shiva Samoodrum, falls at, viii. 695
 Shiwa or Shiva lake, Turkistan, vi. 137, 479, 509
 Shizoku people, Loochoo Islands, iii. 591
 Shkara glacier, Caucasus, x. 339 note, 780; mount, Caucasus, ix. 767, x. 589, 689, xi. 352, xii. 284, xiv. 111; Freshfield's attempt on, xiv. 114
 Shoa, xii. 174; area and population of, vii. 104; Italian expedition to, i. 666; Rimbaud's new route from, to Harar, x. 89; scientific mission to, Aubry, viii. 525
 Shoda, Caucasus, xiv. 107
 Shonga, town, W. Africa, iii. 31
 Shooter, Rev. J., the Kafirs of Natal and the Zulu Country, i. 205 †
 Shorawak plain, ii. 230; valley, etc., Campbell, i. 728, ii. 620, 623
 Shore, Hon. H. N., the Flight of the *Lapwing*; a Naval Officer's Jottings in China, etc., iii. 189 †
 Shor-kul lake, valley of the, xiii. 101
 Shors of the Kara-kum desert, vii. 233, 237
 Shorud plain, ii. 232, 233
 Shoshong, S. Africa, ii. 241, 488
 Shotts of Algeria. See Chotts.
 Shufeldt, Lieut., explorations in Madagascar, vi. 661, xiv. 738
 Shughnuli falls, Ruffji river, iii. 651
 Shuhr-i-But, Northern Persia, v. 82
 Shumish Kul basin, xiv. 319
 Shur river, Persia, xii. 580
 Shur river, S.W. Persia. See Fahlyun.
 Shur-i-Labahri river, xii. 540, 547
 Shur Rud river, Persia, xiii. 647
 Shush or Susa, Persia, mounds of, v. 154
 Shushtari, Mir Abdul Latif Khan, on the Sabeans, xiii. 663
 Shuster, v. 125, xii. 521, 522, xiii. 485; advisability of railway from, to Ispahan, v. 134; Karun river at, xiii. 593; trade route between Ispahan and, xii. 523, 533; Capt. Wells at, v. 153, 155
 Shuter, G. Lieut. Capt. Martin's ascent of, v. 62; p. 62, i. 48, 565, 629
 Shutari range, iii. 523
 Shwey-lee river, vii. 301, 305
 Shwey-lee-lee peak, Burma, x. 264
 Shwey-lee-lee, Persia, v. 716
 Siah Kila, Central Asia, i. 246
 Siah-Kuh mountains, Persia, i. 193, x. 629 note, xii. 587; Visit to, Biddulph, xiii. 645 *
 Siah-posh Kafirs, i. 113, 114, iii. 299
 Siam—
 Bibliography of, Essay towards, Satow, ix. 587 †
 Chiangmai District, Report of Journey in, Archer, x. 539 †
 Coasts of, Commander Taylor on, ii. 635
 English Intercourse with, in the Seventeenth Century, Anderson, xii. 300 †
 Expeditions and Journeys in—Boulanger, ii. 665; Hildebrand (proposed), xiii. 655; Hildebrand, ii. 766; Laming-

Siam—continued—

- Laos State of Nan, Report of Journey to, Stringer, x. 395 †
 Longitude observations in, M'Carthy, xiii. 111
 M'Carthy on, x. 117 *
 Maps of, scarcity of, x. 129
 Narrative of Journeys through, Bock, vi. 53 †
 Population and climate of, x. 118, 119
 Present knowledge of, Harmand on, iv. 566
 Progress of knowledge of, since 1830, iii. 613
 Rainfall of, x. 131, 132
 Report on, by U.S. consul, vi. 580
 Route from Tavoy to, by the Boungte pass, traverse of, Kenyon, x. 323
 Survey for Railway Connection with India and China, Hallett, viii. 1 *
 Telegraphic communication with, i. 793
 Trade of, report on, Gould, x. 798
 Siamese minister, H. R. H. the, election as honorary member of the R. G. S., viii. 55; on Hallett's survey for a railway between India and China, viii. 20
 Siang river, China, ii. 158
 Siazgai hill, ii. 237

Siberia—

- An Estate in, Sommier, vii. 404 †
 And the Exile System, Kennan, xiv. 502 †
 As It Is, De Windt, xiv. 424 †
 Coast of, explorations along, i. 19
 Eastern, Branch of Russian Geographical Society in, Bulletin and proceedings †, x. 48, 804, xi. 119, 393, xii. 185; geography in, ix. 378; journeys in, Martin, ix. 378; Yadrintsef, ii. 767
 Explorations in, Bunge and Von Toll, viii. 189
 Frontier between Mongolia and, Prejevalsky's expedition to, v. 175
 Geographical, etc., Studies, Yadrintsef, ix. 131 †
 In Asia, Seebohm, iv. 773 †
 Inscriptions in, Campbell, ix. 571 †
 Lakes of, desiccation of, ix. 51
 Levelling in, 1875–76, Results of, Fuss, viii. 61 †
 Littoral province of, map of southern part of, Venukoff, v. 686
 North-Eastern, the Chukches, etc., of, Dall on, iii. 568
 North-Western, Traces of Heathen Belief in, Gondatti, xi. 118 †
 Progress of knowledge of, since 1830, iii. 616
 Railway across, De Biberstein on, xi. 47, xiii. 26
 Resources of, Sullivan on, xi. 694
 Sea route to—possibility of regular navigation by, Nordenskiöld, ii. 61, 62; attempts to open, in 1879, ii. 321, 322; *id.*, 1878–80, iii. 187; Cattleby on, ii. 639; trade *vid.* Sibiriakof, iv.

Siberia—continued—

- 499, v. 406, 555, ix. 683; Sullivan on, xi. 694; Butler and Fletcher-Vane on, xii. 244
 Seas of, temperature and saltness of, vi. 486
 Sketch of, (Frozen Asia), Eden, i. 740 †
 Telegraphs in, extension of, iv. 169
 Through, Landsell, ii. 643, iv. 119 †
 Western—branch of Russian Geographical Society in, i. 342; Journey in, 1876, Finsch, i. 686 †; Russian explorations in, ii. 766
 Work on, Radloff, vii. 196 †
 Sibi, route to the Khojak *vid.* map showing, iii. 700; railway through the desert approach to, ii. 532, 534
 Sibiriakoff, M., expedition for the relief of Nordenskiöld, i. 203, 342, 403; attempt to establish trade with Siberia, iii. 231, iv. 291, 499, v. 406, ix. 683
 Sibree, Rev. J., Our Geographical Knowledge of Madagascar, i. 646*; the Great African Island, ii. 71 †; on the origin of the Malagasy, vii. 242; the Antananarivo Annual †, edited by (in part), vii. 406, ix. 260, x. 253, xi. 315, xiii. 567, xiv. 341; A Madagascar Bibliography, viii. 276 †; on the Volcanic Lake of Tritriva, xiii. 477*; Imérina, the Central Province of Madagascar, xiv. 737 *
 Sibuco or Kuamut river, North Borneo, x. 140, 456, 457
 Sicily, Cities of Southern Italy and, Hare, v. 367 †; Physical Geography of, La Saulx, i. 537 †; maps of—xiv. 65; (political) Gambino, x. 674; (wall), *id.*, viii. 412
 Siderides, M., explorations of the Kata-vothrae of the Morea, xiv. 467
 Sidi Ali's journey in the Oxus region, vi. 506 and note
 Sidra manuscript of the Sabseans, xiii. 665
 Siebenbürgen, Handbook of, Bielz, viii. 274 †; an Autumn Excursion in, Lauser, viii. 274 †
 Siebengebirge, map of the, ix. 327
 Siedl, Mr., visit to Mount Roraima, vii. 497, 506, 529
 Sieger, Dr. R., Gletscher- und Seespiegel-Schwankungen, x. 399 †; Die Schwankungen der Hocharmenischen Seen seit 1800, etc. †, x. 319, xi. 55
 Siemens, Bros., charts of the North Atlantic Ocean, v. 55
 Siensereh or Sienuf tribe, W. Africa, xii. 168
 Sierra Blanca, N. America, ii. 576
 Sierra Imataka, Guiana, xiv. 684
 Sierra Leone—
 And the Interior, Garrett, xiv. 433 *
 British possessions in, xii. 657
 Correspondence respecting the Expedition against the Yonnie Tribe, x. 603 †
 Gazetteer of, xii. 640 †

Sipsong Pana, Indo-China, xiii. 709

- Sir-darya. *See* Syr.
- Sir Derwarzeh Hill, N. Persia, v. 76
- Sir Donald peak, Selkirk range, xi. 157
- Sir-i-Chushma, i. 245
- Sir-i-Sung fortress, i. 253
- Sir-i-Tang valley, N. Persia, v. 72
- Sirionos tribe, S. America, xii. 673
- Sirsartijung, Island of, viii. 457
- Sirt plateau, Central Asia, xii. 22, 23
- Sis, Pass of, Asia Minor, xv. 57
- Sissio country, North Borneo, v. 351
- Sistan. *See* Seistan.
- Sitakus, Sitioganus, or Sitakan, river, Persia, v. 712, 714-716
- Sitka, Alaska, xiii. 71, 72
- Sittang river and valley, vii. 295, x. 262
- Siu-lulak spring, Central Asia, xiii. 100
- Siva Samundram, or Cauvery Falls, vii. 724
- Sivaji, leader of the Mahrattas, history of, iv. 459 *et seq.*
- Sivalik axis, Himalayas, v. 618
- Sivewright, Mr., on the proposed African overland telegraph, i. 271
- Sivri Hissar, latitude of, x. 163
- Siyah-Koh, Caspian, whirlpool in vicinity of, i. 163 *note*
- Skage Fjord, Greenland, v. 295
- Skåne, archaeological researches in, Montelius, v. 178
- Skarcies, or Kaba, river, xiv. 437
- Skardo. *See* Iskardo.
- Skassy. *See* Scassy.
- Skeiðarar glacier, Iceland, xiv. 841, 842
- Skene, A. J., maps of Continental Australia, and Victoria, iii. 701
- Skertchly, Mr., search for gold in North Borneo, xi. 377
- Skobeleff, General, first idea of the Trans-Caspian railway, xi. 275
- Skovhøi hill, height of, viii. 724
- Skrzeszewski, A. v., Karte der Umgebung von Bad-Gastein, etc., ii. 592
- Skuthorpe, Mr., discovery of relics of Leichhardt's expedition, iii. 228
- Skye, Isle of, Bartholomew's reduced Ordnance map of, vi. 486
- Skyring water, visit to, Coppinger, ii. 552; possible communication between Smyth's channel and, Mayne on, ii. 706
- Slack, Captain C., Introduction to Swahili, xiii. 636†; Tourist's and Student's Manual of Languages, xiii. 572†
- Sladen, Col. Sir E., remarks at evening meetings, ix. 372, x. 274; obituary of, xii. 113
- Slafter, Rev. E. F., Incorrect Latitudes of Early Writers on the Coast of N. America, iv. 247†
- Slave coast, British and French boundaries on the, xii. 658; German territories in the, vii. 494; the Ewe-speaking Peoples of, Ellis, xiii. 54†. *See also* Togoland.
- Slave lake, Lesser, district, v. 633
- Slave river, Athabasca district, v. 646, 647, 648
- Slave Timney Indians, Athabasca, v. 649, 650
- Slave trade in Africa, vi. 564, 735, 736, viii. 74, 85, 87
- Slavonia, maps of. *See* Croatia.
- Slivkina village, Central Asia, xii. 20
- Slovtsos, M., researches in the region of Akmolinsk, i. 341
- Smeaton, D. M., the Loyal Karens of Burma, ix. 206†
- Smeru, Mount, Java, vii. 50
- Smirnow, M., isodynamic map of European Russia, v. 174
- Smith and Sons, W. H., war map of Zululand, i. 206, 287
- Smith, Agnes, through Cyprus, ix. 392†
- Smith, C. H., remarks at evening meetings, xii. 18, 460
- Smith, Col. R. M., on Mackenzie's journey from Mohammera to Isbahan, v. 132
- Smith, F. H., A White Umbrella in Mexico, xi. 462†
- Smith, Dr. G., the Student's Geography of India, v. 111†; Fifty Years of Foreign Missions, etc., ix. 62†; Stephen Hislop, Pioneer Missionary and Naturalist in Central India, xi. 55†; a Modern Apostle, A. N. Somerville, xiii. 131†; Henry Martyn, Saint and Scholar, xiv. 877†
- Smith, Holled, journey into the Beni Amer country, xiv. 546
- Smith, H. H., Brazil, the Amazons and the Coast, ii. 325†
- Smith, Krarup, death of, iv. 612
- Smith, Leigh, expeditions to Franz-Josef Land, ii. 642, 689, 773, iii. 484, 731, 748, v. 176, 204*, 235, 377; Markham on, iii. 129*; probable Position of, Jansen on, iv. 35*; *id.*, and measures for relief of, iv. 42, 53, 57, 157, 331, 375, 420, 498; rescue of, iv. 544; Aberdare on, iv. 758, 759; donation to R. G. S. expedition fund, v. 98, 169; extracts from diary of, v. 214
- Smith, Lieut., Panorama of Kabul, ii. 205
- Smith, Sir Donald A., Journey in Labrador, x. 191
- Smith, S. Percy, on topographical changes caused by volcanic eruptions at Tarawera, N.Z., viii. 783; Eruption of Tarawera, ix. 718†; Survey of the Chatham Islands (map), x. 260; the Kermadec Islands, x. 316†
- Smith, T. V., steps for the relief of Leigh Smith, iv. 57, 158, 422
- Smith Sound, viii. 157
- Smithsonian Institution, Annual Reports†, viii. 602, ix. 589, x. 743, xiii. 303, xiv. 574
- Smyth, Col. Ed., on the Pundit Nain Singh, iv. 315
- Smyth, R. B., the Aborigines of Victoria, i. 742†
- Smyth, Sir W. W., obituary of, xii. 427
- Smythies, Bishop, excursion from the Shiré to the Rovuma, viii. 99

- Snelleman, J. E., Reizen en Onderzoekingen der Sumatra-Expeditie, vii. 195 †; *Wetenschap en Kennis der Fauna van Nieuw-Guinea*, xiv. 729 †
- Snouck Hurgronje, C. See Hurgronje.
- Snow, Captain Parker-, on proposed universal meridian, v. 560
- Snowfall, the Equatorial Limits of, Fischer, x. 607 †
- Snow-sheet, Influence of, on Climate, etc., Woelkoff †, viii. 130, xi. 464
- Sodra town, Volta Basin, W. Africa, viii. 247 and note
- Soares, Fernando, discovery of Madagascar by, i. 647
- Sobat, position of mouth of, xi. 644
- Sobey, J. H., visit to Cayman Brac island, viii. 787
- Socotra, Island of, vii. 119; Bibliographical Notes on, Jackson, xiv. 872 †; Botany of, Balfour, x. 540 †; expedition to, Riebeck and Schweinfurth, iii. 311, 572
- Sodankyla, meteorological station at, iv. 570
- Soden, Lake, new crater lake on Mount Cameroons, xiii. 557
- Sodo island, vii. 340
- Sofa tribe, Sierra Leone, xiv. 445
- Sofala, E. Africa, iv. 229, vii. 444
- Sogere, District of, New Guinea, v. 356, 357, xii. 561
- Soil, Aerial formations of, D'Aoust on, vii. 614
- Soils, some Physical Properties of, etc., Whitney, xiv. 877 †
- Sokhbulak pass, Pamirs, xiv. 207
- Sokna, North Africa, position of, i. 534, ii. 508
- Sokolo, or Kala, Western Sudan, Africa, v. 739
- Sokoto, Standinger's journey to, ix. 256, 306
- Sola, Col. Juan, exploration of the Central Gran Chaco, iii. 179
- Soleillet, P., expeditions in W. Africa, i. 340, 512, 787, ii. 387, 765; to Segou-Sikoro, i. 686; account of the same, Gravier, ix. 714 †; to the Sahara, ii. 124; in the Adraar country, ii. 457; in South Abyssinia, v. 105, 495, 558, 561; obituary of, viii. 655
- Soley, J. R., and W. S. Schley, the Rescue of Greely, vii. 489 †
- Sologne, La, by Prof. Gallonédec, xiv. 722 †
- Solomon Islands—
A Naturalist among the Head-hunters, Woodford, xii. 251 †
And their Natives, Guppy, ix. 782 †
Chain of volcanoes from, to Malay Archipelago, v. 512
Explorations in, Woodford, x. 302, 351 *, xii. 393 *
Natives and their customs, viii. 550, x. 369, 370
Notes on the discovery of, Mendaña, xii. 401 et seq.
Photographs of natives and Scenery in, Woodford, x. 404
- Solon tribe, Kuldja, ii. 497
- Solon Manchus, ix. 554
- Soltan, H., journey from the Irawadi to the Yang-tse, iii. 493; notes on Yunnan, iii. 564
- Soltera, Maria, a Lady's Ride across Spanish Honduras, vii. 408 †
- Somaliland—
Botanical collection from, James and Thrupp's, Oliver on, vii. 639
Coast of, Italian protectorate on, xi. 608
Ethnography, etc., of, Paulitschke, viii. 672 †
Expeditions and explorations in—vii. 643, xiii. 723, xiv. 372; Hardegger and Paulitschke, vii. 458; James, vii. 120, 625 *; Menges (map), vii. 135, viii. 64; Moktar-Bey, ii. 630; Nurse, xiii. 657 *; Révoil, ii. 695, 774, iii. 571, iv. 113, 514 †, v. 717; Robecchi, xii. 466, xiii. 686
Extent of, vi. 628
History of, vii. 117
Map of, vii. 775
Photographs of, Villiers, xiv. 584; *id.*, and Sketches, Swayne, xiv. 512
Ravenstein on, v. 675, vi. 255 *
Report on, Graves-Bey, ii. 373
Zoology of, Thomas on, vii. 639
- Somali tribes, v. 718, vii. 626, 627, xiii. 658, 659; genealogical table of, vii. 639, 640
- Somers, Earl, obituary of, vi. 227
- Someshwar hills, India, xiii. 419
- Sommier, S., Un Estate in Siberia, vii. 404 †; Il Dottor Finckh Alla Nuovo Guinea, xi. 630 †; Due Comunicazioni sui Lapponi e sui Finlandesi Settentrionali, xi. 632; Fra I Baskiri, xi. 632 †; Note di Viaggio, xi. 632 †; Prima Ascensione Invernale al Capo Nord, etc., xi. 632; Ostiacchi e Samoiedi dell' Ob, xi. 632 †
- Somno, Rio de, source of, height above sea-level, viii. 355
- Sonak, Northern Persia, v. 58
- Song-ka, Song-ko', or Red river, Tonking, iv. 644, 722, 725, v. 452, viii. 218, 219, 222, xiii. 261, 263; map of delta of, v. 686; route to China, *id.*, viii. 2
- Sonk-ki-kung river, viii. 237, 238
- Songkla or Singora, Siam, x. 121
- Song-ma river, Tonking, iii. 111
- Song-thu-bon et la baie de Tourane, Tao, xiv. 725 †
- Songwe river, E. Africa, v. 696, xii. 225, 732, xiii. 93, 96
- Sonklar, Carl von, Lehrbuch der Geographie, ii. 394 †; Regenkarte der oesterreich-ungarischen Monarchie, iv. 447; obituary of, vii. 249
- Sonmiani bay, i. 274
- Sonnbliek peak, meteorology of, Hann, xi. 696 †
- Sonora line of railway, New Mexico, v. 668

Sonora, official map of the State of, Herbert, vii. 413
 Son-tay, town of, viii. 224
 Sonyo, country of, West Africa, v. 693
 Sørensen, Capt. G. A., cruise in the Spitzbergen and Barents seas, v. 96; discovery of land N. E. of Spitzbergen, vi. 40
 Sorisa range, E. Africa, vii. 432
 Sosa, Capt. Sandulis, journey through Paraguay, x. 167
 Sosnoffsky, Colonel, v. 54, 425, xii. 58
 Sotará, volcano of, Colombia, v. 249
 Sotik, East Africa, xii. 196
 Souci, Creux de, Martel's exploration of, xiv. 556
 Soudan. *See* Sudan.
 Süal, Séoul or Han-Yang, Corea, v. 274, 278, 279, 281-283, 598, vii. 608, viii. 293-296, xiv. 156; *See* also v. 283; ancient r. i. . . . W. . . . viii. 297
 South Georgia, German meteorological expedition to, iv. 293
 South Kensington science and art department, instruction in navigation at, iv. 304, 305, 308 *note*, 312
 South sea. *See* Pacific.
 South Shields, navigation schools at, iv. 303
 Southon, E. J., expedition in Central Africa, i. 707, 788, ii. 42; notes of a journey through Northern Ugogo, in 1879, iii. 547
 Sowerbutts, E., on the exhibition of geographical appliances, viii. 54
 Sowerby, J., the Forest Cantons of Switzerland, xiv. 723 †
 Soyaux, H., Aus West-Afrika, i. 741 †; *Deutsche Arbeit in Afrika*, x. 177 †
 Soyka, Dr. Isidor, *Die Schwankungen des Grundwassers*, etc., x. 319 †
Spain—
 Account of, Simons, illustr. Wagner †, ii. 269, iii. 114
 Atlas of, illustrated, Boronat y Satoire, ii. 207; of the Iberian peninsula, geographical and descriptive, Valverde y Alvarez, ii. 336
 Columbus celebration in, xiv. 317
 Dictionary, Geographical, of, with *See* also v. 153 †
 Earthquakes in, commission on causes of, vii. 256; Report on, Oruete y Duarte, vii. 829 †
 Edrisi's geography of, vii. 465
 Geography, etc., of, Botella, ix. 586 †
 Handbook for Travellers in, Murray, xiv. 501 †
 Instruction in nautical astronomy in, iv. 297 *and note*, 301
 Maps of—Government survey, iv. 447, v. 375, x. 113; (with Morocco, etc.), Meissas, vi. 427; (and Portugal), *id.*, i. 480, vi. 427; Bamberg, viii. 416; (hypometrical), xiv. 268
 Military divisions of, map illustrating, Montevérde, xiii. 695

Of To-day, Lawson, xii. 300 †
 Picturaque and historical journey in, xi. 313 †
 Railways of, altitudes of, Lavigne on, i. 806; (and of Portugal), map of, xiii. 190, 695
 South-West, map of, vi. 754
 Work on (with Algeria and Tunis), Tchihatchef, ii. 590 †
Spanish—
 Ambassador, H. E. the, on Columbus, xiv. 612
 American Republics, Child, xiv. 427 †
 Arayaks of Guiana, xiv. 672
 Colonies, Catalogue of, vi. 56 †
 Discoveries, early geographical, x. 208, 209
 Exhibits at the Venice Congress, iii. 752
Explorations en Vendeña, discovery of *See* p. . . . by, xii. 401 *et seq.*; to the Western Sahara, viii. 723
 Explorations in N. America, xii. 292
 Possessions in Africa, xii. 655, 656
Sparrowhawk, surveying ship, West Indies, v. 593
 Sparta, latitude of, x. 162
 Speeding, W. C., route survey through the Yoruba country (map), ix. 529
 Speedy, Mrs., *My Wanderings in the Soudan*, vii. 55 †
 Speke, Capt. J. H., discovery of Victoria Nyanza, iii. 683, 688; position of Gondokoro, xi. 643
 Spencer, Dr. J. W., on the origin of the great American lakes, xiv. 560
 Spieden or Niutao island, xii. 402
 Spindler, Capt., Deep-sea explorations in the Black sea, xiv. 122
 Spinskhar mount, ii. 236
 Spirit-levellings of the Ordnance survey, viii. 23
Spitzbergen—
 Coal in, Cremer on, xiv. 182
 East, and King Charles Land, map of, Kükenthal, xii. 252
 Excursion to, Cremer, xiv. 658 †
 Expeditions to—Kükenthal, ix. 515, xi. 684; Rabot, xiv. 703; Swedish, iv. 293, 424, vi. 352, xii. 752
 From, to the Sahara, Martins, ix. 524 †
 Land N. E. of, discovery of, Sørensen, vi. 40
 Meteorological station in, Swedish, iv. 570, 754
 Seas off, ice in, 1879, ii. 128; *id.*, 1882, v. 96
 Voyage to, Kjelsen, ii. 128
 Spottiswoode, William, remarks at anniversary meeting, v. 425; obituary of, v. 489
 Spratt, Vice-Admiral, on the Dorian Peninsula and Gulf, etc., viii. 410 †; obituary of, x. 242
 Sprengisandr route across Iceland, iv. 129 *et seq.*

Spruner, Karl von, Hand-Atlas für die Geschichte des Mittelalters und der Neuere Zeit, i. 415, 751, ii. 207; historisch-geographischer Schul-Atlas, iii. 128; death of, xiv. 796

Spruner - Bretschneider's historischer Wand-Atlas, vii. 270

Srezneffsky, M., on the inundation of the old bed of the Oxus, i. 146

Srinagar, vii. 708

Ssanga, position of, ix. 315

Ss-a-ch'uan. See Sze-chuan

Ssumao, town of, xiii. 721

Stack, Ed., Six Months in Persia, iv. 616 †

Staffordshire regiment, bravery of, in Nile expedition, vii. 124

Stairs, Capt., Ascent of Ruwenzori, xi. 726 †; on Ptolemy's topography of East Africa, xiii. 516; obituary of, xiv. 475

Stallibrass, E., on Deep-sea Soundings in Connection with Submarine Telegraphy, x. 399 †

Stanford, E.—

Atlases by—Handy, of modern geography, xiv. 272; for Indian schools, i. 615; the London, of universal geography, ix. 530, 729, xii. 56; Parliamentary county, and handbook, of England and Wales, xiii. 135

Compendium of geography and travel—Enrope, edit. Rudler and Chisholm, vii. 127; Asia, Temple, iv. 514; Africa, Keith Johnston, i. 205; America, North, Hayden and Selwyn, v. 432; Central and South, Bates, i. 79; Australasia, Wallaco, i. 410

Maps by—Africa (for S.P.O.K.), i. 288; (library), xiii. 310, xiv. 430; (school), i. 159; Alexandria (sketch plan), iv. 710; Asia, countries between Constantinople and Calcutta, i. 157; Egypt, iv. 710; England and Wales, iv. 519; England, Scotland, and Ireland, political, i. 349; Europe, for schools, i. 159; Great Britain, showing localization of forces, i. 349; Greece and Ionian Islands, ii. 656; Isle of Wight, tourist's, i. 747; London, county of, contoured, xiv. 879; and suburbs (library), xiii. 190; for schools, i. 288; Nyasaland, xii. 773; Transvaal gold fields, etc., x. 402; World (library), i. 153, 744; Zambesia, Northern, xii. 773; Zululand, i. 287

Stanley, Capt. Owen, visit to Timor Laut, vi. 116

Stanley, H. M., explorations in Africa, 1874-77, map showing, i. 80; on the proposed African overland telegraph, i. 268, 271; expedition on the Congo, ii. 183, 562, iii. 97, 358, 392, 486, iv. 759; return from the same, iv. 606; Vega medal awarded to, v. 362; Visit to his Stations, Johnston, v. 569 †, 605, 667; on the Congo basin, vi. 742; remarks

Stanley, H. M.—continued—

at anniversary dinner, vii. 481; the Congo and the founding of its Free State, vii. 486 †; on the Congo Free State, viii. 625; expedition for relief of Emin Pasha, ix. 47, 114, 126, 202, 584, 759, 765, x. 646, xi. 95, 342, 735, 740, xii. 37, 375; Junker on, x. 391, 588; Strachey on, x. 411; De Winton on, x. 537, 732; Meyer on, xi. 385; his letters on the same, xi. 261 †, 720 †, (discussion on), 378; maps illustrating, xi. 401; ro guard of, visit to, Werner, xi. 460 †; story of, from his letters, xii. 53 †; account of, Waters, xii. 182 †; correspondence on, xii. 247 †; Sketch of his achievements, Montefiore, xi. 397 †; arrival at Cairo, xii. 94; map showing all his journeys, Ravenstein, xii. 123; Albert Hall meeting in his honour, xii. 229; R. G. S. medal to, xii. 287; Geographical results of expedition, xii. 313 †, memorial stars for the Zanzibaris, xii. 463; dinner to, xii. 488; In Darkest Africa, xii. 502 †; Through E. Africa with, Schynse, xii. 361 †; Rear column of his expedition, Troup, xiii. 54 †; story of, Jameson, xiii. 124 †

Stanley Falls, Congo river, xi. 349; Grenfell's journey to, vii. 380

Stanley Pool, iv. 686, v. 574, 693, 702, 703, vi. 622, 624, vii. 354—

Annexation of territory at, De Brazza, iv. 226

Arab insurrection at, ix. 312

Boat Journey round, Comber, vi. 71 †

Journey to, Crudgington and Bentley, iii. 553 †; map, iii. 768

King Makoko of, v. 288

Livingstone inland mission, and others, to, iv. 294, 686

Longitude of, Stanley, iii. 735

Stages on Stanley's route from Banana to, iv. 687

Stauri Creek, South, British Honduras, xi. 542, 544

Stanovoi range, Siberia, ix. 370; Cherski's exploration of the, xiv. 409

Stanton, R. B., Availability of the Cañons of the Colorado for Railway Purposes, xiv. 874 †

Stapfer, Ed., Le Palestine au temps de Jésus Christ, vii. 54 †

Stapff, Dr., on the geology of the neighbourhood of Walfish Bay, ix. 57; explorations in the coast region of S. Western Africa, ix. 511; Originalkarte des Unteren Khuisob Thaies, ix. 529

Star-anis oil, manufacture of, viii. 239

Starchewsky, A., Manual for Russians in Central Asia, i. 148 †

Statesman's Year-Book, edit. Keltie †, viii. 282, x. 320, xi. 193, xiii. 243

Statistics, Social, Political, and Medical, Studies in, Longstaff, xiii. 188 †

Slatkowski, B., Problèmes de la Climatologie du Caucase, i. 687 †

- Staudinger, P., journey, with Hartert, to Sokoto, ix. 256, 306; *Im Herzen der Haussaländer*, xi. 188 †
- Steains, W. J., the valley of the Rio Doce, ix. 702; Exploration of the same, x. 61*; award of Back premium to, xiii. 294
- Stebnitzky, on local attraction, x. 172; on Gerard's old map of Russia, xii. 50
- Stecker, Dr. A., expedition into Central Africa, i. 534, v. 551; map of Lake Tana, iii. 768; exploration of the same, iv. 106, 107
- Steb. C., *Die Gebirgs-Systeme der Balkan-Halbinsel*, xi. 509 †
- Stiel, W. G., the Mountains of Oregon, xiv. 133 †
- Steele, J. S., Canoe and Camera. tour through the Maine Forests, ii. 590
- Steenstrup, Prof., expeditions in Greenland, i. 331, xi. 435; Voyages of the Zeni in the North, v. 681 †
- Steere, Bishop, death of, iv. 687
- Steinäcker, Baron von, on the climate, trade, etc., of German S. W. Africa, xi. 308
- Steinen, Dr. K. von den, explorations of the Xingu river, viii. 517, ix. 193, 345, viii. 517, x. 309, 593; *Durch Central-Brasilien*, ix. 208 †; on the Bororo Indians, xi. 111
- Steingrimsfjord, Iceland, x. 306
- Steinhauser, A., *Die Geoplastik der Gegenwart in Oesterreich*, vii. 410 †; *Hand Atlas*, viii. 680; maps by—Alps (school, wall), iii. 128; *id.*, of Austria, iv. 328; *Austria-Thüringen*, viii. 213; Bosnia, iv. 328; *id.*, of the System unserer Sonne nach Littrow's und Arago's Angaben, ii. 80; *Das Sand-chak Novi Bazar nebst Nord-Albanien*, etc., i. 747; Hungary (places and roads), iv. 519, 579; of mathematical geography, iv. 192; Servia, viii. 64
- Stella land, Lavertine's map of, vii. 200
- Stelling, E. W., on the Angara river at Irkutsk, xi. 119
- Stephen, Leslie, *Dictionary of National Biography* †, ix. 135, 323, 525, x. 609, xi. 517, 754, xii. 184, 439, 642
- Stephens and Catherwood, Messrs., visit to the ruins of Copan, viii. 572
- Sternberg, Baron U., adventure on the Elbruz mount, xi. 99, 100; search for Messrs. Donkin and Fox, xii. 271
- Stevens, C. E., the City, a Study with Practical bearings, xiii. 308 †
- Stevens, D. C., sketch map of proposed railway extension from Natal, etc., xiii. 246
- Stevens, Henry, *Reproduction of Johann Schöner's Globe of 1523*, etc., x. 319 †; dawn of British trade to India. *See* Birdwood.
- Stevens, T., *Around the World on a bicycle*, ix. 525, xi. 124 †; on the Tsavo district East of Kilimanjaro, xii. 231
- Stevenson, Jas., on journeys west of Lake Nyasa, i. 321; project of a road between Nyasa and Tanganyika, iii. 272, 277; on the longitude of Lake Nyasa, iii. 367; the Water Highways of the Interior of Africa, v. 498 †; on Stewart's discoveries in East Central Africa, v. 658, 689; the Arab in Central Africa †, x. 603, 610
- Stewart, C. S., Visit to the South Seas, etc., xi. 755 †
- Stewart, Col. C. E., on telegraph lines in Persia, i. 270; the Country of the Tekke Turkomans and the Tejend and Murghab rivers, iii. 513*; the Herat Valley and the Persian Border, viii. 137*; remarks at evening meetings, v. 135, 170, vii. 582
- Stewart, Dr. J., the Second Circumnavigation of Lake Nyasa, i. 289*; remarks on journeys West of Lake Nyasa, i. 323
- Stewart, Gen. Sir Donald, expedition to the Andaman Islands, x. 568
- Stewart, Jas., polar expedition of, iii. 586
- Stewart, Jas., C. E., explorations and journeys in the Lake Nyasa region, i. 289 *et seq.*, 305 *et seq.*, 590, 790, ii. 44, 122, 247, iv. 420, 686, v. 659; remarks on the Society's East African expedition, ii. 740; observations in the Nyasa-Tanganyika region, ii. 428; Coles on, ii. 431; Lake Nyasa and the Water Route to the Lake Region of Africa, iii. 257*; survey of Lake Nyasa, iv. 500, v. 689; road between Nyasa and Tanganyika, iv. 294, v. 290, 689; obituary of, v. 724
- Stickeen river, British Columbia, mining operations at, viii. 67, 71
- Stier, A., *Hand Atlas*, i. 288, 480, 416, 751, ii. 80, 208, 335, iii. 126, 448, iv. 446; *id.*, *Neue Lieferungs-Ausgabe*, x. 403, 748, xi. 64, 196, 260, 324, 404, 468, 524, 580, 704, 760, xii. 127, 191, 256, 312, 443, 508, 576, 648; school atlas, Berghaus, v. 56
- Stieng dictionary, Azémar, ix. 587
- Stier, H. C. G., *Vlämisches Tagebuch über Vasco da Gama's Zweite Reise, 1502-1503*, ii. 783 †
- Stock, E., remarks on explorations in Central Africa, ix. 417
- Stockholm, geographical Society of, v. 177; proceedings of, iv. 386, v. 47, 107, 176, 178, 362, 496, vi. 49, 164, 352, 541, vii. 402, 553
- Stocqueler, J. H., travels in S.W. Persia, xii. 552
- Stok Range, Himalayas, explanation of, v. 616
- Stokes, Admiral John Lort, obituary of, vii. 678
- Stokes, C., journey to Victoria Nyanza, i. 590; in Usambara and Nguru districts, vi. 464
- Stokes, Sir G., remarks at the dinner to Mr. Stanley, xii. 495

- Stoll, Dr. O., Zur Ethnographie der Republic Guatemala, vii. 56 †
- Stolpe, C., Plan von Constantinopel, iii. 251
- Stolpe, Dr., v. 496; notes on Easter Island, v. 362; on Japanese Society, v. 496; on ethnographical objects from Borneo, etc., vi. 50; scientific voyage of, in the *Vanadis*, vi. 49, 51
- Stolze, Dr., researches in Persia, i. 333; Die Handelsverhältnisse Perseus, vii. 404 †
- Stone, G. H., on surface action of wind-driven sand, viii. 192
- Stone, General, on the hydrography of the Equatorial lakes, iii. 114
- Stone, O. C., A few Months in New Guinea, i. 743 †
- Stone, Olivia M., Teneriffe and its Six Satellites, etc., x. 51 †
- Stone's Dunedin and Invercargill Commercial, etc., Directory, viii. 408
- Stor Fiedl. Stitzberger, v. 96
- Store Fiedl. Stitzberger, journey to the, viii. 48
- Storm, Dr. Gus'av, Studier over Vinlands-reiserne †, x. 315, xi. 462
- Storm, Mr., expedition up the Pileomayo, xiii. 39
- Storms, Capt., at Karema, v. 105, 381
- Stormway, heat and light at, and London, compared, x. 410
- Stoibert, Mr., on some defects of the Ordnance maps, ix. 703
- Stow, J. P., South Australia, its History, etc., vii. 696 †
- Stower, Dr., referred to, v. 722
- Strachan Captain J., second expedition to New Guinea, viii. 333; Explorations and Adventures in New Guinea, x. 605 †
- Strachan, R., Meteorological Observations made at Asuncion, Paraguay, viii. 407 †
- Strachey, Sir Henry, on the construction of the Himalayas, v. 612
- Strachey, Sir John, India, xi. 56 †
- Stracney, Gen. R., on the proposed Antarctic expedition, ix. 757; address on opening session 1887-88, ix. 765; Annual Addresses on the progress of Geography, ix. 331*, x. 405*, xi. 405*; Lectures on Geography at Cambridge, x. 461, 205, 220, 275, x. 609 †; Meteorology of the Red Sea and Cape Guardafui, x. 704*; remarks at evening meetings, vi. 446, ix. 41, 86, 174, 231, 376, 478, 490, 567, 768, x. 21, 24, 41, 43, 133, 205, 273, 275, 350, 376, 411, 435, 518, 531, 763, 800, xi. 82, 272, xiv. 33; at the geographical dinner to Mr. Stanley, xii. 495; on opening session 1888-89, x. 800; on presenting medals, ix. 452, 453, x. 466, 470, 537, xi. 449, 450
- Strahan, Major, Indian survey work of, iv. 341
- Straits Branch of the Royal Asiatic Society, Journal of the, xiii. 570 †
- Straits Settlements, Report on the Forest Department of, for 1886, Cantley, ix. 648 †
- Strangways, H. B. T., on the overland telegraph through Africa, i. 217
- Strassburg, plan of, x. 113
- Straube, J., Plan von München, ix. 635
- Strauber, Dr. Anton, Das Studium der Geographie in und ausser der Schule, x. 399 †
- Strauss, A., Bosnien: Land and Leute, iv. 574 †
- Streeter, E. W., on the Ruby mines near Mogok, Burma, x. 272
- Streeter, G. Skelton, the ruby mines of Burma, ix. 701
- Street's Indian and Colonial Mercantile Directory for 1888-89, xi. 314 †
- Strelbitsky, M., Superficie de l'Europe, iv. 245 †; on the area of Saghalien, vii. 191; journey in Khorassan, xii. 296
- Strétoff, G., La Macédonie Orientale, xiv. 723 †
- Strickland river, New Guinea, xii. 690
- Strickland, Sir Edward, obituary of, xi. 612
- Stringer, C. E. W., Report of a Journey to the Laos State of Nan, x. 895 †
- Strokkur geyser, Iceland, iv. 132
- Struve, H., Landkarten, ihre Herstellung und ihre Fehlergrenzen, ix. 721 †
- Stuart, H. V., Nile Gleanings concerning the Ethnology, etc., of Ancient Egypt, ii. 141 †; Egypt after the War, vi. 102 †
- Stuart, J. M., on the old workings of mines in the Transvaal, x. 440; the Ancient Gold Fields of Africa, xiii. 637 †
- Stuart, J. Medouall, track across Australia, vi. 200
- Stuart, Sir A., remarks at anniversary dinner, 1886, viii. 470
- Stübel, A., Skizzen aus Ecuador, viii. 603 †
- Student's atlas of modern and physical geography, by Collins and Sons, iii. 128
- Studer, Professor B., on the action of glaciers, x. 788 and note
- Stuhlmann, Dr., expedition to Lakes Albert Edward and Albert, xiv. 545
- Stule-Vsek pass, Caucasus, xii. 267
- Stumm, Capt. H., Russia in Central Asia, vii. 554
- Stutfield, H. E. M., El Maghreb, 1200 miles ride through Morocco, viii. 314 †
- Suabini tribe, New Guinea, xiv. 415
- Suakin, maps of country and route between Berber and Fox, vi. 110, 488; Gordon (facsimile of), vii. 266; Itinéraire Commercial Italien, vi. 266; Itinéraire Commercial, vii. 412; between M. and M., vii. 412; between K. and M., vii. 412; itinerary, ix. 3; Itinéraire Commercial, vii. 700
- Swam river, East Africa, xiii. 201

Suanetia, vii. 597 *et seq.*; Freshfield on, x. 325*; glaciers of, x. 339 *note*, 780 *et seq.*; journey in, Bernoville, x. 320; Savage S., Philipps-Wolley, vi. 100†; survey of, xiv. 110

Suanetian language, x. 334; race, its manners and customs, x. 328 *et seq.*

Subanrika, or River of Golden Sand, viii. 685

Subansiri river, i. 126, iv. 258, 320; discharge of the, x. 582; in flood, vii. 320

Subash river, Caucasus, xiv. 174

Submarine explorations, summary of, vi. 595

Subof. *See* Zubof.

Su-chan, Central Asia, climate and productions of, xii. 74; road to, xii. 70, 71

Suchmuz and Bukshi clans of the Turkomans, iii. 541

Suckling, Mount, New Guinea, xiv. 789

Sudan—

Almanac of †, xi. 188, xii. 121

Area and population of, vi. 630

Bird's-eye view of, vi. 361

Campaign in, History of, Colville, xii. 436†

Central, and Niger Sketches, Thomson, viii. 734†

Eastern, Egyptian—Ethnology of, Keane, vii. 346†; maps of—Camperio, vii. 494; French war office, v. 629; intelligence branch, war office, vi. 109; large scale, war, vii. 266; (of part of), vi. 361; provinces of, report on, vii. 197

Expeditions in—Labruyère and Court, i. 591; Mutteucci and Gessi, i. 610

French—explorations in, x. 378; Five Years in, Béchet, xi. 513†; map of, war department, xiii. 62; war and mission in, recollections of, Péroz, xi. 513

Haussa race of, Hallen on opening relations with, xiv. 715

Knowledge of, State of our, Paulitschke, viii. 601†

Life in the, Williams, vi. 686†

Maps of—Italian Geogr. Inst., vii. 266; Letts, vii. 412; relief, Briou, vii. 494

Railways of, v. 299

Routes from Northern Africa to, Blanc on, xi. 455

Revolt in, 1878, Story of, Messedaglia, ix. 261†

Sahara and, Nachtigal †, i. 610, iv. 121, xi. 571

Seven Years in, Gessi, xiv. 341†

Under Egyptian Government, Buchta, x. 177†

Wanderings in, Speedy, vii. 55†

Wild Tribes of †, James, vi. 54, vii. 54

Súdrá river, Iceland, iii. 473

Suess, Ed., *Das Antlitz der Erde*, † vii. 490, x. 399; on Changes in the Sea-level, xiv. 639

Suez canal, country between El Arish and, ix. 585; Lesseps on, iv. 767; mean sea-level of, viii. 397

Suez, Gulf of, meteorology of, x. 705, 706

Suez, Isthmus of, rise of land in the, xi. 647

Sugawand route from Ghazni to India, ii. 565

Suget pass, height of, xii. 90

Sugh, Island of, Malay Archipelago, v. 91

Sugu-nov lake, ix. 442

Suguu-Dagh mountains, i. 175

Sugut river, North Borneo, x. 143

Suhari palms, Lake Nyasa, i. 314

Sujbulak, Persia, xiv. 259

Sukaud or Sagand, Persia, iii. 516

Sukkur on the Indus, ii. 530, 531

Sul stream, Southern Persia, v. 161, 162

Sula-hu or Buluntsir, river, xii. 77

Suliman range, i. 38, 40, 41 *note*, 57, ii. 240; survey from Pishin to, Biddulph, ii. 236

Sultjelma mountain, Sweden, vii. 611

Sulivan, Adm. Sir B., obituary of, xii. 113

Sulivan, H. N., the resources of Siberia and the practicability of the northern sea route, xi. 694

Sulphur island, Bonin group, xiii. 371

Sultan Sanjar, town of, iv. 349

Sultanabad, Persia, iii. 525, v. 158, xii. 525, 526

Sulu islands, Notes on the, Pryer, v. 90*; cessions of land in Borneo by Sultan of, i. 122

Sumatra—

Battak country in, Westenberg's journey in, xiii. 561

Central, Dutch Expedition in, i. 362, 682, 759*, ii. 588†, iii. 441†, iv. 575†; Fauna of, Snellemann, vii. 195†; Report of Journey in, Hagen, ix. 713†; sketch map of part of, xiv. 202

Expeditions in—French scientific, iv. 379; Izermann, xiii. 611; Van Rijckevorsel, ix. 128; Saint-Pol Lias, ii. 253; Veth, vii. 253

From France to, St.-Pol Lias, vi. 543†; Island of, *id.*, vi. 169†

Maps of—vi. 174, 238, ix. 267, xiv. 881; Hagen, v. 248; *Pet. Mitt.*, ii. 206

Natural History results of expedition in, Snellemann, vii. 195†

Tobacco cultivation in, map of, xiv. 349

Sumba (Sandalwood) island, xiv. 469

Sumbar river, i. 176, 178

Sumbo (Msiika), Central Africa, xiv. 37

Sunda islands, expedition to, Ten Kate, xiii. 122

Sunda, Straits of, volcanic eruption in, vi. 467; survey of, vi. 378

Sundarban, the, its Physical Features and Ruins, Rainey, xiii. 273*

Sunday or Raoul island, x. 316, 317

Sunderland, navigation schools at, iv. 303, 304

Sundermann, H., *Kleine Niassische Oherestomathie mit Wörterverzeichnis*, xiv. 729†; *Neue Beiträge zur Ethnographie von Nias*, xiv. 870†

- Sundial, cylinder axis, Loftus, vi. 111
 Sungacha river, Siberia, ii. 645
 Sungari river, ix. 533, 543, x. 486, 487
 Sung-chi Kiang river, Southern China, xiii. 251
 Sungie Ruih river, Malay Peninsula, iv. 407
 Sungie Sureting river, Malay peninsula, iv. 400
 Sung-i-in tribe, Persia, v. 69, 70
 Sung-pang, Central Asia, ix. 235
 Sungué lake, viii. 509, 510
 Sunhodo island, Corea, vii. 340
 Sunje Ujong State, Malay peninsula, iv. 401, 402
 Supan, A., Statistik der unteren Luftströmungen, iii. 192 †; Grundzüge der physischen Erdkunde, vi. 302 †; Karte des Jahres-Isothermen, vii. 198, 411; Landwirtschaftskarte und Industriekarte der Vereinigten Staaten und von Canada, ix. 65; on the climate of Europe as regards the duration of a certain mean temperature in different areas, ix. 441; on the climates of the globe, ix. 763; Die Fortschritte der Afrika-Forschung, 1788-1888 (map), x. 482; estimate of the population of the earth, xiii. 689; on meteorological observations in German New Guinea, xiii. 176; on the natural limits of Europe, xiii. 684; Tiefsee-Forschungen (map), xiv. 199; on the mean level of the seas of Europe, xiv. 463
 Surakwát stream, Pamir, xiv. 209
 Surama river, Colombia, v. 257
 Surghwand mt., ii. 224, 225
 Surinam, Geographical and Industrial Conditions of, Kappler, ix. 133 †; exploration for gold in, i. 798; inhabitants of, Bonaparte, vii. 65 †; Jews of, xiii. 566
 Surkháb river, range near the, i. 592
 Surkh-Koh mountains, i. 194
 Surki stream, Afghanistan, i. 628
 Surrey, Murray's Handbook for Travellers in, x. 539 †; Phillips' new map of, vii. 265; Ward's Guide-book to Sussex and, xii. 637 †
 Surt, Northern Persia, mineral springs at, v. 72
 Surtees, Capt. Conyers, mission to El-Wedj, x. 734
 Surukwat stream, Turkistan, x. 506
 Survey and Estimates, Preliminary, Gribble, xiii. 242 †
 Surveys, National, Report on, Wheeler, viii. 803 †
 Surveying department of the navy, inefficiency of, Temple on, i. 733
 Susa, town of, viii. 523
 Sussex, archaeological map of, West, vii. 697; Murray's Handbook for Travellers in, viii. 212 †; Ward's Guide to, xii. 637 †
 Sussuhly-Grande, Rio, Brazil, x. 62, 76
 Suswa or Donyo Longonot, extinct volcanic crater, E. Africa, vi. 702
 Sutherland, A., Elementary Geography of British Colonies (in part), xiv. 577 †
 Sutherland, H., a new trade route between America and Europe, viii. 728
 Sutherland, Lieut.-Col., Memoir on the Kaffirs, etc., of South Africa, xiii. 639 †
 Sutlej river, North India, v. 615, 618, 620, vii. 707 *et seq.*, xiii. 417
 Suto dialect, South-East Africa, v. 285
 Su-wón-pu, Corea, v. 279, 280
 Suyá tribe, viii. 522
 Svanetia. *See* Swanetia.
 Svenonius, M., exploration of Swedish Lapland, x. 454
 Sviridoff, M., on the exploration of the Uzbói, vi. 286
 Svoboda, Dr., Ein kurzer Besuch auf den Nicobaren, x. 738 †; Annam und das Französische Cochinchine, xi. 315 †; Futschau-fu am Minflusse, xi. 315 †; Die Nikobaren-Inseln und ihre Bewohner, xi. 513
 Swabili, Introduction to, Slack, xiii. 636 †
 Swakop river and Damaraland, S. Africa, vi. 25
 Swan, R., Notes on the Geography and Meteorology of Mashonaland, xiv. 299 †; stations in Mashonaland, astronomically observed, xiv. 303; on the Orientation of the buildings at Zimbabwe, xiv. 306; Some Features of the Ruined Temples of Mashonaland, xiv. 873 †
 Swansea, Official Guide and Handbook to, Gamwell, ii. 654 †
 Swanzy, A., obituary of, ii. 418
 Swat river, explorations of the *Mullah* in the valley of, i. 716, ii. 434
 Swayne, Capt., explorations in E. Africa, x. 708; sketches and photographs of Northern Somaliland, xiv. 512
 Swazi country, gold mines of the, ix. 502
 Sweden—
 Atlas of, Roth, i. 160; Selander, iii. 256
 Geological survey maps of, i. 612, ii. 74, iii. 640, v. 309, vi. 359, vii. 130, x. 56
 Maps of, by Swedish general staff, iii. 250, viii. 478, ix. 327, x. 257, 400, xi. 465, xiv. 200, 580
 Murray's Handbook for Travellers in, viii. 212 †
 Nautical training in Norway and, iv. 301
 Railroads of Norway and, map of, Lundberg, xi. 756
 The highest mountain in, vii. 611
 Swedish—
 Antarctic expedition, proposed, ix. 309; *id.*, in conjunction with Australian colonies, xiii. 614
 Arctic expeditions, i. 3, 16, v. 562, 563
 Exhibits at the Venice Geographical Congress, iii. 754
 Expedition to Spitzbergen, xii. 752; *id.*, geological, iv. 424
 Geographical Society *See* Stockholm.

Swedish—continued—

- Polar meteorological expedition and station, iv. 293, 499, 549, 608, 753, vi. 352
 Settlement on the west coast of Africa, vii. 539
 Sweer's island, Gulf of Carpentaria, iii. 228
 Sweetzen, M. F., Handbook of the United States, xiv. 572 †
 Swettenham, F. A., Journal of Journey Across the Malay Peninsula, viii. 276 †
 Swinstead, Mr., on geographical education, viii. 119
 Swiss exhibits at the Venice Geographical Congress, iii. 753; maps, relief and geological, xi. 557; Travel and Guide-book, Coolidge, xi. 508 †
Switzerland—
 Ancient map of, facsimile of, Türost, vii. 397
 Annual of, Picturoque and Hygienic, xiv. 867 †
 Atlases of—Popular, xiv. 879; topographical (Government), i. 224, 614, ii. 336, iii. 127, 448, iv. 584, v. 312, 504, vi. 243, viii. 680, ix. 658, x. 484, xi. 260, xii. 256, xiv. 272
 Bibliography, National, of, Graf, xiv. 566 †
 Bird's-eye view of, xii. 643
 Föhn Wind region, sketch map of, Berndt, viii. 605
 Forest Cantons of, Sowerby, xiv. 723 †
 Handbooks to †—Baedeker, vii. 696; Murray, i. 537, ix. 130, xiv. 60
 Lakes of, depth of, Hörnlmann on, ix. 686; study on, Thoulet, xiv. 723
 Maps of:—Drioux and Leroy, ii. 463; Dufour, iii. 116, viii. 751; Keller, ix. 655; Leuzinger, v. 435, viii. 412, xi. 399; *id.*, relief, vi. 753; Ziegler, vii. 265; *id.*, (wall), v. 627, x. 322, xii. 441, xiv. 348; of the Cantons of, xi. 521; Evolena, Zermatt, Monte Rosa, xiv. 812
 Nivellement de Précision de, Hirsch and Plantamour, ii. 655 †
 Photographs of, Jackson, xiii. 700
 Population of, xi. 177
 Railway map of, small official, v. 375
 Roads of, Bavier, i. 281 †
 Statistics of, xiv. 723 †; Stat. Year-book of †, xiv. 658, 867
 Triangulation of, by Geodetic Commission, vii. 257, xi. 459
 Unknown, Tissot, xi. 509 †
 Work on, Egli, ix. 205 †
 Sydney, Cape Breton, Spanish settlement at, vii. 37
 Sydow-Habenicht, Methodischer Wand-Atlas von Africa, xiv. 66
 Sydow-Wagner, Methodischer Schul-Atlas, x. 188
 Sylhet, N. India, v. 617 and note, 619, 620
 Sylvia mount, Formosa, vii. 20

- Sylvia*, H.M.S., surveys of, i. 370, v. 593
 Symons, Lient. T. W., map of the department of the Columbia, iv. 454; Report of an Examination of the Upper Columbia river, etc., iv. 773 †
 Syr Daria or Jaxartes, xiii. 24; irrigation works on the, iii. 100
 Syr Daria region, growth of Russian colonies in, xi. 174; reconnaissance of, ix. 435; Kirghizes and Karakirghizes of, Grodekof, xii. 185 †; the Country of Seven Rivers, the Zarafshan and the, etc., Ujfalvy, i. 405 †
Syria—
 Caravan routes from Egypt to, ii. 392
 Central, Physical Geography and Geology of, Diener, ix. 259 †
 Description of, including Palestine, Mukaddasi, transl. Le Strange, ix. 323 †
 Journeys in Unfrequented Parts of, Hill, xiii. 53 †
 Map of, and Palestine, xi. 521
 Murray's handbook for travellers in Palestine and, xiv. 197 †
 North, Historical Geography of, Sachau, xiv. 725 †; map of, Kiepert, xii. 369
 Of To-day, Lortet, vi. 99 †
 Travels in, and Mesopotamia, Sachau, v. 743 †
 Voyage of Nassiri Khosrau in, Schefer, iv. 120 †
 Syrian and Cilician gate, viii. 96
 Syrian Stone-Lore: Monumental History of Palestine, Conder, ix. 259 †
 Syrt plain, Turkistan, x. 501
 Syud Yaru plain, ii. 235
 Szechenyi, Count, explorations in China and Tibet, i. 146, 535, 595, 737, 792, ii. 196, 408, vii. 81; route map of journey from Sayang to Bharno, iii. 512
 Sze-chuen, province of, China, i. 128, v. 441, 452, xiii. 330; best route to, viii. 501; inhabitants of, viii. 381, 382; journeys in, Hosie, vii. 120, 242, viii. 371 *, Parker, iv. 610; trade of, viii. 381, 382, x. 381
 Szi tribe, Upper Burma, xiv. 167

T

- Tabbas, Persia, iii. 522
 Tabin plateau, Afghanistan, ii. 623, 624
 Tabirap village, New Guinea, vii. 173
 Tabora, E. Africa, xii. 242; journey from Kagei to, Wilson, ii. 616; Kaiser's journeys in the district of, map of, Kiepert, vi. 239
 Tabriz, Persia, xii. 530; road from, to Tehran, v. 123; route from, to Säädjbulagh, map of, Houtum-Schindler, v. 749
 Tacaragua, map of Lake of, Hesse-War-tegg, x. 812
 Tache Keupri or Pul-i-Khisti, Afghanistan, vii. 562

- Ta-chien-lu (Darchendo), vii, 73, 328; journeys to, Baber, i. 719; Pratt, xiii. 329 *
- Tachtdsehy, or Allevi tribe, Lycia, x. 104
- Tadjiks. *See* Tajik.
- Tadjura, Gulf of, French stations in, vii. 552
- Tado country, W. Africa, D'Albea's journey in, xiii. 178
- Tieping Rebellion, Events in the, by A. E. Hake, xiv. 425 †
- Tafropoulo, M., map of the "Byzantine Empire," v. 736
- Tagas river, Hindu Kush, i. 117
- Tagharma peak, Pamir, xiv. 12
- Taghazghuz people, vii. 581
- Tagh-dum-bash, Pamir, xiv. 220, 221
- Taghu Robat, Afghanistan, vii. 608
- Tagish Indians, Alaska, xiii. 82
- Tagliabue, E., Dieci Anni a Massana, x. 741
- Tahan district, Expedition to the, Ridley, xiv. 533 *
- Tahoe Lake, region of, topographical map of, Wheeler, iv. 455
- Tahiti, the Garden of the Pacific, Hort, xiii. 571 †
- Taibad-an river, Persia, v. 10
- Tai-dong river, Korea, viii. 300
- Taimyr island and peninsula, i. 23, 24
- Taintor, Mr. E. Coe, obituary of, i. 216
- Tai-ping, Southern China, xiii. 254
- Tairona Indians, S. America, iii. 722
- Tait, M., Yorkshire; its Scenes, Lore, and Legends, xi. 187 †
- Taiwan, city of, viii. 720
- Tai-yuen-fu, Central Asia, xii. 58, 60, 71
- Tajik tribe, i. 250, iv. 415, vi. 497, viii. 34, 42
- Takabello mount, Benue river, xiii. 466
- Takatu mountain, ii. 216, 221, 538
- Takhta Dawson, Turkistan, xiv. 782
- Takhta-Karacha pass, v. 669, ix. 245
- Takht-i-Rustam, Afghanistan, vii. 164
- Takht-i-Suliman peak, i. 51, 345, v. 720
- Takir, soil of Kara-kum desert, vii. 233
- Takla-Maklan desert, Central Asia, xii. 31
- Takow harbour, Formosa, vii. 3, xi. 225
- Takutu river, British Guiana, ii. 482
- Takwa range and town, Gold Coast, iv. 505
- Talaing tribe, viii. 482, 499
- Talbot, Captain, survey of the Persian frontier, vi. 371
- Tal-Chotiali route between India and Candahar, Prendergast's explorations of, i. 331. *See* also, i. 338. *See* also, i. 341.
- Taldik pass, Alai mountains, xiv. 6
- Tale-sab lake, Cambodia, iii. 665; *id.*, Malay peninsula, vii. 252
- Ta-li-fu, China, v. 451, 452; Colquhoun's route from, to Bhamo, iv. 728
- Talikán, ancient capital of Afghanistan, vii. 580
- Talisman, the, marine researches of, v. 561, 740, vi. 94, 346, 347, 595, xi. 605
- Taliva, S., Atlas cantonal de Lot-et-Garonne, ii. 592
- Talkád, city of, vii. 724
- Tallenay, Jenny de, Souvenirs du Venezuela, vi. 172 †
- Tallik river, Central Asia, iii. 343 *note*
- Taltsan De-sa river, Great Slave lake, v. 728
- Talung, Sikkim, xiv. 614
- Talysh, Radde's Work on, vii. 554 †
- Tamaná river, Colombia, v. 257
- Tamatave, Madagascar, xiv. 740
- Tambaquary, Rio, Brazil, x. 76
- Tambo, Peru, xii. 229, xiv. 397
- Tambopata river, Bolivia, v. 322
- Tambraparni river, S. India, vii. 732
- Tambuyukan rangos, Borneo, v. 351
- Tamerlan, à travers le Royaume de, Capus, xiv. 868 †
- Tamitotoala-Batovy river, viii. 517
- Tamliyat, Turkistan, vi. 505 *and note*
- Tamoro tribe, New Guinea, xiv. 415
- Tampassuk valley, North Borneo, x. 135
- Tamsui, Formosa, v. 674, vii. 1 *note*, 3, 5
- Tana district, Lower, map of, Deuhardt, vi. 361
- Tana, Lake, Dr. Stecker's explorations of, iv. 106, 107
- Tana river, map of the lower, Denhardt, vi. 361; explorations on, Denhardt, i. 383, Dundas, Gedge on, xiv. 513 *, Peters, xii. 699, Pigott, xii. 129 *, physical features of the, xiv. 529
- Tanala district, Madagascar, iv. 523-527; routes in, iv. 531
- Tananá river, Alaska, report of expedition to, Allen, x. 396, 397
- Tanganyika, Lake, v. 695, vii. 335, 438—Country between Nyasa and, Stewart on, ii. 428; journey in, *id.*, iv. 294
- Discovery of, Burton's, xii. 759
- Evolution of basin of, Thompson on, iv. 627
- Expeditions to—German, iv. 570; L.M.S., i. 788, ii. 42; various, ii. 248
- Hore on, iv. 1 *, xi. 58 *; his work at, viii. 328
- Level of, changes of, Hore, iii. 41; rise of, i. 63, iii. 270, 310
- March round, Thomson, ii. 732
- Missions to, i. 207, 788, ii. 42, 248
- Monthly mail to, from Zanzibar, ix. 114
- Outlet of, iii. 274, 275; Hore's visit to, ii. 41; Buxton on, ii. 256
- Road from Nyasa to, iv. 294
- Routes between the Lualaba and, Böhm and Reichard, map of, ix. 328
- Station on west coast of, founded by Algerian Fathers, vii. 399
- Steamer for, London Missionary Society's, ii. 507, 518, iii. 273, iv. 163, v. 290, 382, vi. 219
- Tabl-land between Nyasa and, xii. 733, 734
- To, in a Bath-chair, Hore, xiv. 58 †
- Western side of, journey along, Thomson, ii. 306
- Work on, Hore, xiv. 571 †

- Tangata bay, E. Africa, i. 85
 Tang-i-khast river, S. Persia, v. 161
 Tang-i-rudyan, Persia, v. 162
 Tang-i-rukht kotul, the, S. Persia, v. 145
 Tang-i-siah river, S. Persia, v. 146, 147
 Tangla Range, Tibet, vii. 70, ix. 225 *note*
 Tani, S. E. I., incidences of travel in
 Arabia, v. 161, and Egypt, vi. 106 †
 Tanis, Nile delta, rise of land at, xi. 647
 Tanjung Unsang promontory, Borneo, v.
 90
 Tan-kiang river, Southern China, xiii.
 256
 Tanner, Col., surveys in Afghanistan, i.
 64; visit to Kafiristan, i. 513, ii. 426;
 Kafiristan and the Kafir language, i.
 713; surveys in Gilgit, etc., ii. 433, 697,
 iii. 694; map of the same, iii. 313; notes
 on the Chugāni and other tribes of
 Kafiristan, iii. 278 *; surveys in British
 India, iii. 400; report on Himalayan
 snow peaks, vii. 752: Freshfield's notes
 on the same, vii. 753; on the position of
 Mount Everest, viii. 91; work in the
 Himalayas, viii. 429; on the lower
 course of the Yaro-tsampo, x. 578; on
 the identification and name of Mount
 Everest, xiii. 108, 109; our present
 knowledge of the Himalayas, xiii. 403 *;
 Bar-Subtense survey, xiii. 675 *; photo-
 graphy as a means of surveying, xiv.
 714
 Tanner, Prof. H., the Canadian North-
 West, etc., viii. 538 †; British Columbia;
 its agricultural and commercial Capa-
 bilities, ix. 717 †
 Tao, O., Le Sonz-thu-bon et la Baie de
 Tourane, xiv. 725 †
 Taoghar hill, Afghanistan, vii. 571
 Tao-kuang, Emperor, mausoleum of, v. 30
 Tapajos, Dr. J., O Amazonas e a França,
 xiv. 505
 Tapajos river, Brazil, expedition to, Telles,
 Miranda and Villeray, x. 651
 Tapal range, Persia, v. 79
 Taping river, Upper Irawadi, vii. 302,
 305
 Tapo, town of, viii. 252
 Tapochao peak, Island of Saipan, ix. 759.
 Tappenbeck, Lieut., expedition on the
 Congo, viii. 270. 634, 635; journey down
 the Lokenye river, ix. 115; result of
 expedition to the Cameroons, x. 447;
 last expedition and death of, xi. 607
 Taptee river, viii. 683, 684.
 Tapuis Indians, Bolivia, xii. 673
 Taranaki, or Mount Egmont, New Zea-
 land, vii. 202
 Taranchi tribe, Kuldja, ii. 496, iii. 346
 Tarapaca, Peru, General aspects, etc., of
 the department of, Bertrand, i. 812 †
 Tarawanda, E. Africa, iv. 732
 Tarawera volcano, eruption of, its results,
 viii. 783; Percy Smith on, ix. 718 †;
 plan of the country around, viii. 608, ix.
 267
 Tarbagatai range, Turkistan, iii. 154
 Tarbolton, J., on depth of frozen soil at
 Yorkton, viii. 744
 Tardy, M. Aug., mission to the province
 of Michoacan, Mexico, v. 559
 Tarene river, Bolivia, v. 328
 Tarim river, Tibet, iv. 614, 615, ix. 176,
 230, 736
 Tarlily bay, New Britain, iii. 91
 Tarma, Central Peru, xiv. 384
 Taru, the cañon of the, in S. France, xi.
 178; Martel on, viii. 411 †
 Tarqual, town, W. Africa, v. 40
 Tarsus, highways of, vi. 318, 319
 Tartar races of Central Asia, iv. 617, 618;
 tribes of the Caucasus, xii. 258; 259
 Tartara pass and peak, Khaibar range, i.
 45 *note*
 Taru desert, E. Africa, xiv. 819
 Tas-dagh peak, height of, viii. 95
 Tash, coal mines at, Persia, v. 80
 Tashkent, town of, xi. 289; exhibition
 at, 1890, Yates on, xiii. 21 *
 Tash-kuduk to Burdalyk, route from, iii.
 727
 Tashkurghan town, ix. 105
 Tash-robot pass, viii. 39
 Tasht, Bay of, Persia, v. 81; Lake, junc-
 tion of, with Lake Neris, v. 142, 143
 Tasman, A. J., Dozy on, ix. 324 †
 Tasman glacier, New Zealand, iv. 380, vi.
 58, 59, 62
 Tasman Sea, new name of, xiii. 688
 Tasmania, A. Olat about the Aborigines
 of, Taylor, xiv. 133 †; Crozet's voyage
 to New Zealand and, transl. Roth, xiv.
 133 †; map of, xiv. 431; *id.*, Brown, vi.
 111
 Tasmania, Bishop of, A Mutton Bird
 Island, xiv. 808
 Tassek Bērā lake, Malay Peninsula, iv.
 400
 Tatagnra river, E. Africa, xii. 147.
 Tataubun pass, British North Borneo, x.
 11
 Ta-tcheu, longitude of, vii. 396
 Tateyama mountain, Japan, ix. 94
 Tati, S. Africa, gold-fields of, vi. 33, viii.
 66; ix. 693; latitude, height of, iii.
 178; ruins at, Mashonaland, xiii. 15,
 106
 Tatra, Upper, lakes of, Roth, x. 106 †
 Ta-tsien-chih village, China, xiii. 833
 Ta-tsien-lu. *See* Ta-chien-lu.
 Tattoo marks and body painting, Joest, x.
 255 †
 Ta-tung-fu, loess basins of, xii. 60
 Taufikiya, position of, xi. 644
 Tau-kum sands, river Ili, ix. 426 *note*
 Tauli people, Caucasus, xii. 260
 Taupo lake region, New Zealand, vii. 205
et seq.; western tableland of, vii. 224
 Taurus range, Asia Minor, vi. 308, x. 85
note; passes of the, Hogarth, xiv. 54,
 354
 Tautwin, Dr., exploration of Great Bebe
 dugu and left bank of Niger, x. 379

- Tau Tetnuld. *See* Tetnuld.
 Tavek-kéhl oasis, ix. 229
 Tavernier, J. B., Travels in India of, transl. Ball, xii. 46†
 Taveta district and people, E. Africa, v. 285, 545, vi. 692; route from, to Sen-dege's, iv. 743
 Tâyif, Arabia, vi. 390
 Taylor, A. J., A chat about the Aborigines of Tasmania, xiv. 133†
 Taylor, C. E., Leaflets from the Danish West Indies, xi. 121†; on the commerce of St. Thomas, xiv. 638
 Taylor, E. M., Madeira; its scenery and how to see it†, iv. 577, xi. 118
 Taylor, G., A Ramble through Southern Formosa, x. 540†; Formosa, characteristic traits, etc., xi. 224 *et seq.*
 Teham Keni, latitude of, x. 162
 Tcherniaeff, General, v. 559
 Tchernichev, M., barometrical observations in the Ural Mountains, ix. 54
 Tchersky. *See* Chersky.
 Téhilhatchef, P. de, Espagne, Algérie et Tunisie, ii. 590†; the Deserts of Africa and Asia, iv. 628*; Klein-Asien, ix. 519†; obituary of, xii. 765; *Études de Géographie et d'Histoire Naturelle*, xiii. 188†
 Téhikuse, chief of Angoni, viii. 79, 80, 87
 Téhirtchik river, Turkistan, xiii. 24
 Téhuktoche. *See* Chukche.
 Tebbitt, John, on Australian longitudes, vii. 343
 Tebulos peak, height of, vii. 602
 Technical, Industrial, and Trade Education, Yeats, ix. 721†
 Tedjend. *See* Tejend.
 Tefenni, latitude of, x. 161, 162
 Tegetthof, Arctic voyage of the, ii. 14, v. 209, 225
 Teheran, or Tehran, and Shah Abdul Azim, road between, v. 128; plan of, compiled by Solimán Khan, xiv. 814; to Astrabad, Lieut.-Col. Beresford Lovett's itinerary, v. 58; to Enzeli, Russian railway from, v. 134; to the Karun and Mohamrah, General T. Gordon's journey from, xiii. 434
 Tehualches, voyage to the country of the: Explorations in S. Patagonia, Ramon Lista†, i. 479, ii. 201
 Teissère, Julian, native servant to M. Révoil, v. 718
 Teita plain, E. Africa, vi. 554, 563, 565, 691
 Tejend river, Turkistan, iv. 496, v. 4, 14; vii. 581; viii. 721, xi. 285; district of, surveys in, ix. 436; Stewart on, iii. 513*
 Tekapo Lake, New Zealand, vi. 58, 64
 Tekess river, Kuldja, ii. 493
 Tekke Turkomans and their country, i. 182, iv. 217, 218, 350; Stewart on, iii. 513*; map of, iii. 254
 Telegraph, proposed African overland, i. 123, 217, 264 *et seq.*
 Teleki, Count, discovery of Lake Rudolf or Samburu, xi. 407, 408; Bergprofil Sammlung, xii. 710; ascent of Mount Kenia, xiv. 532
 Tel-el-Kebir, sketch of formation of attack, etc., War Office, iv. 709
 "Télé-nuic," Athabasca, v. 639
 Tel-espid, Persia, plain of, and roads from, v. 151
 Telfer, Capt. J. B., Armenia and its People, xiv. 62†
 Tell el Hesi (Lachish), Petrie, xiv. 132†
 Tell Nebesheh, Isthmus of Suez, wind-action at, xi. 648
 Telles, Captain, expedition to the River Tapajos, Brazil, x. 651
 Telok-betong, Sunda Strait, v. 657
 Tembeling river, Malay Peninsula, xiv. 534
 Tembwe's village, Central Africa, xii. 154
 Temby drift route to the Transvaal, ix. 497, 501
 Temple mountain, Spitzbergen, ix. 516
 Temple, Lieut. G., on the Aurora Borealis, i. 601; on the unsurveyed coasts of the world, i. 733; voyage on the coasts of Lapland and Norway, ii. 273*; notes on Russian Lapland, ii. 593*; the North-east Passage, iii. 672
 Temple, Sir R. C., II. C. W.: from the Indus to Candahar, ii. 529*, 645; India in 1830, iii. 115†; the Lake Region of Sikkim, iii. 321*; on the progress of our knowledge of Asia during the last fifty years, iii. 610; on the Geography of the Birthplace and Cradle of the Mahratta Empire, iv. 457*; on the Central Plateau of Asia, iv. 614*; Asia (Stunford's Compendium), iv. 514†; Journals kept in Hyderabad, Kashmir, Sikkim, and Nepal, ix. 393†; Palestine illustrated, x. 474†; remarks at evening meetings, iii. 77, 83, v. 21, vi. 442, vii. 89, 290, xi. 293, xiv. 232; on the annual address, vii. 478; on the public schools' medals, vi. 418
 Temple, Lieut. R. C., on the distribution of Afghan tribes about Candahar, ii. 187; on the rectification of the map of Afghanistan, i. 712
 Tenasserim, Fea's journey in, x. 711; forest scenery of, viii. 485
 Teneriffe, its Six Satellites, etc., Stone, x. 51†; Notes of Travel in Grand Canary and Latimer, xi. 254†
 Tenimber islands or Timor Laut, map of, Veth, i. 544; Three Months' Explorations in, Forbes, vi. 113*
 Ten Kate, Dr., expedition to the Sunda islands, xiii. 122
 Tennant, James, obituary of, iii. 240
 Tennant, Gen., on the position of Mount Everest, vii. 261
 Tennant, R., Sardinia and its Resources, vii. 829†
 Tennessee, Rand, McNally and Co.'s map of, xii. 573

- Tenosique, village of, Guatemala, v. 196
 Tentak Sor, i. 384
 Te Pakuru plain, New Zealand, vii. 222
 Tepehua tribe, Vera Cruz, ix. 568, 570
 Te Pirori, geyser at Lake Taupo, vii. 209
 Tequeje river, Bolivia, v. 328
 Terai forest tract, India, surveys in the, vii. 681
 Te Rama Kao, extinct volcano on Easter island, v. 41
 Te Rangikaika forest, vii. 219
 Terek pass, Alai mts., xiv. 6
 Termid, Turkestan, vi. 410 and *note*
 Terminology, geographical, note on, Mackinder, x. 732
 Teroerde, Pere, explorations in the Upper Zambesi region, ii. 694
 Terraba, Rio Grande de, Viaje de Exploracion al valle del, Pittier, xiv. 342†
 Terra Nova colony, vii. 33
 T. on the Geography†
 Terror, voyage of the, to Hudson's Bay, x. 556
 Terskol glacier, Caucasus, xiv. 457
 Teruta, village, vii. 506, 507, 528
 Tete, district and town of, viii. 76, 77, xii. 146, 149
 Tête Rousse, Glacier de la, xiv. 551
 Tetema river, E. Africa, vii. 663
 Tetemeko, Lake, East Central Africa, v. 590
 Tetnuld peak, Caucasus, vii. 598, 600, viii. 644, ix. 617, 767, x. 342 *et seq.*
 Tevere. *See* Tiber.
 Texas, Rand, McNally and Co.'s railroad and county map of, iv. 454
 Tezin river, i. 42
 Tezyde tribe, x. 104
 Thaha Insimbi, Matabeleland, x. 294
 Thabyetkin route to the ruby mines, Burma, x. 263
 Thachup lake, Tibet, vii. 85
 Thackeray mount, E. Africa, xii. 149
 Thai-binh canal, viii. 219, 220
 Thai Dam tribe, xiii. 711
 Thai-nguen town, viii. 227, 228
 Thal, road from, to Kurram, i. 620
 Thal Chotiali, An historical, etc., report on the district of, by Surgeon-Major O. T. Duke, v. 677. *See* Tal.
 Thames as an agent in plant dispersal, Guppy on, xiv. 798; map of the valley of, Johnston, vi. 754
 Tha-nareth, Chipewyan woman, v. 650
 Thang dynasty, extract from the Imperial Geography of, vii. 308
 Thau-b-hoa province, viii. 219
 Thaumoi, Tongking, viii. 241, xiii. 250, 251
 Theal, G. M'C., compendium of the History and geography of South Africa, i. 205†; History of the Boers in South Africa, ix. 588†; History of South Africa†, x. 396, xi. 120, 460, xiii. 375
 Thenaud, J., Recueil de Voyages, etc. (thirteenth to sixteenth centuries), vi. 610†
 Thessaly, Kiepert's map of, i. 154, iv. 705
 Thevet, A. E., Les singularitez de la France Antarctique, i. 286†
 The-yé-Ottiné, North American Indians, v. 651
 Thian-Shan. *See* Tian.
 Thielman, Max von, Vier Wege durch Amerika, i. 812†
 Thi-lan-Ottiné, North American Indians, v. 651
 Thingkáli, Tibet, vii. 70
 Tho tribes, viii. 234, 243
 Thollon, M., survey of the river Jue, xiv. 720
 Thomas Corwin. *See* Corwin.
 Thomas, A., Etymologisches Wörterbuch 324†
 Th. of the Ohio Mounds, etc., xii. 707†
 Thomas, David, positions of rivers in Matabeleland, x. 295
 Thomas, Ed., The Indian Bazarra, and the Arabian Intercourse with India in the ninth and following centuries, iv. 324†
 Thomas, H. T., Untrodden Jamaica, xiii. 570†
 Thomas, J., Western Pacific, viii. 802†
 Thomas, Louis, journey in Damaraland, etc., ii. 368
 Thomas, O., on the zoology of the Somali country, vii. 639; on Emin Pasha's natural history work, xii. 474
 Thompson, Chas., journey from Accra to Prabsue, v. 37
 Thompson, C. M., Manual of the Sextant, etc., ix. 785†
 Thompson, C. W., map of routes in Wasaw and Aowin, vi. 488
 Thompson, David, Journeys of, in N. W. America, Tyrrell, xi. 121†
 Thompson, E. E., on the prairie fires of N. America, xiv. 91, 97
 Thompson, T. H., Yucatan, on the same, xiii. 186†
 Thompson, G., travels and adventures in Southern Africa, i. 205
 Thompson, Major R. S., journey in Southern Persia, v. 138
 Thompson, Mrs. E., fund in aid of scientific research, viii. 52
 Thompson, W. M., Improved Systems of Chaining, or Land and Engineering surveys, x. 609†
 Thomson, B. H., narrative of an exploring expedition to the Louisiade and D'Entrecasteaux islands, xi. 525*
 Thomson, John, a Journey through Cyprus in 1878, i. 97*; *id.* (with camera), i. 284†; on Hosie's journey in South-West China, viii. 383; Photography and Exploration, xiii. 669*; on the effects of rainfall in Formosa, xiv. 712
 Thomson, Joseph, appointment to East African expedition, i. 8; on the geology of Usambara, i. 558; reports death of

Thomson, Joseph—*continued*—

- Keith Johnston and takes command, i. 670; progress of the expedition, i. 755, ii. 102 *et seq.*, 133, 182, 209, 264, 306, 409, 506, 556-562, 689; account of the same, ii. 721*; rewards to his men, ii. 761; to the Central African Lakes and back, iii. 375†; expedition up the Rovuma, iii. 660; notes on the basin of the same, iv. 65*; on the evolution of the Tanganyika basin, iv. 627; expedition in Masailand, iv. 420, v. 99, 405, 410, 115, 475, 544 *et seq.*, 550, 605, 719, 730, vi. 44, 153, 283, 374, 390, 463, 473, 601, 690*; visit to Wissmann at Cairo, v. 99; to Mandara at Kilimanjaro, vi. 153; observations of, Coles on, vi. 712; through Masailand, vii. 258†; presentation of medal to, vii. 474; Niger and Sudan sketches, viii. 734†; expedition in Morocco and the Atlas, x. 588, 647, xi. 1*; Travels in the Atlas, etc., xi. 395†; Mungo Park and the Niger, xii. 572†; expedition in S. Central Africa, and return, xii. 742, 752, xiii. 227, 392, 556, 686; remarks at evening meetings, iii. 275, iv. 211, vii. 157, viii. 730, ix. 478, xii. 344
- Thomson, J. Turnbull, obituary of, vii. 46
- Thomson, Prof. James, on the Grand Currents of Atmospheric Circulation, xiv. 555, 811†
- Thomson, Rev. Q. W., visit to Balombi-ba-Kotta lake, i. 233
- Thomson, Sir C. W., and J. Murray, Report on the Voyage of H.M.S. *Challenger*†, vi. 485, vii. 263, 557, 833, viii. 477, ix. 324, 720
- Thomson, Sir W. T., (and Mr. Ronald F. Thomson), ascent of Mount Demavend, v. 169; obituary of, vi. 381
- Thomson, W. J., Te Pito Te Henua or Easter Island, xiv. 576†
- Thordén, K. M., De telegrafiska under-vattensledningarna, viii. 411†
- Thorsden cape, Spitzbergen, iv. 754; Swedish scientific station at, iv. 608; Nordenskiöld on the naming of, vi. 542
- Thornton, B., the Comparative Climatology of London, etc.†, xiii. 872, xiv. 867
- Thornton, Ed., Gazetteer of British India, etc., viii. 535†
- Thornton, J., Elementary Physiography, x. 255†; Advanced Physiography, xii. 365†
- Thoroddsen, Th., Oversigt over de Islandske Vulkaners Historie, iv. 701†; explorations in Iceland, vi. 156, viii. 789, x. 306, 792, xi. 735, xii. 752; Eine Lavawüste im Innern Islands, vii. 617†; Das Lava Gebiet von Odäsahraun in Island (map), vii. 621; De varme Kilder paa Hveravellir i Island, xii. 568†; Fra Islands indre Højland, xii. 568†; Postglaciale Marine Aflejringer, etc., Island, xiv. 867; Zwei Reisen im Innere von Island, xiv. 867†

- Thorpe, Mrs., Translation of Laveleye's Balkan Peninsula, ix. 315†
- Thouar, A., expedition to discover the remains of the Crevaux Mission, v. 174, 486, 496, 560, 561, 738, 739, vi. 96, 160, 162, 229, 230, 347; award of Paris Geographical Society's medal to, vi. 346; biography of, vi. 347; journeys in South America, vii. 258, viii. 58, 101, 526, ix. 55, 388, x. 597, xi. 136, xii. 671; observations on the Northern Chaco, vii. 401; Exploration dans l'Amérique du Sud, xiii. 240†
- Thoulet, J., voyage along the coasts of Newfoundland, ix. 256; observations on the Gulf Stream, ix. 762; Océanographie (Statique), xiii. 638†; L'Étude des Lacs en Suisse, xiv. 723†
- Thoung-giang river, xiii. 220
- Thu-ban Desse river, Great Slave Lake, v. 738
- Thuber glacier, Caucasus, x. 339 *note*, xiv. 111; *pass.* x. 692, xi. 354
- Thuden Gomba, Tibet, vii. 72, 73
- Thuillier, L., maps by, French railroads, v. 627; Palestine and Lebanon, v. 686, vi. 613; Toltec migrations, vii. 136
- Thuillier, Colonel H. R., map of Afghanistan, xiii. 244
- Thuillier, Sir H., maps of districts on N.W. frontier of India, i. 62; survey work in India, vii. 691; remarks at evening meetings, i. 255, 259, 682, ii. 246, 548, iii. 80, 469, iv. 271, ix. 704, x. 465
- Thüringer Wald, Forests of, Economy of, Regel, xiv. 568†; map of, xiv. 508; maps of the (*Pet. Mitt.*), vii. 131, 558
- Thüringer Wanderbuch, Trinitas, xi. 509†
- Thurn, E. F. im, on the boundary between British Guiana and Venezuela, ii. 51; Journey in the interior of British Guiana, ii. 463*; Mount Roraima in Guiana, vi. 667*; Ascent of the same, vii. 181, 246, 247, 426, 497*; Journal of the Agricultural and Commercial Society of British Guiana, edited by, viii. 672†; Visit of the Governor to the Pomeroon District, ix. 717†; photographs of British Guiana, xiv. 584; British Guiana; the North-Western District, xiv. 665*
- Thursday island, Torres Straits, v. 505, 506, 517
- Thwaites, R. G., the Colonies, 1492-1750, xiii. 570†
- Thys, Captain, Au Congo et au Kassai, x. 671†; the Congo railway, xi. 622
- Tian Shan, ii. 492, iv. 614, x. 496, xii. 80, 81, xiii. 216, 219, 220—
- Explorations in—Ignatief and Krasnof, viii. 332, x. 598, 599; Grum-Grijmailn, xii. 668, xiii. 208*
- Flora and glaciers of, ix. 428, x. 599, 600
- Geology of, iv. 639
- Land in, below the sea-level, xiii. 301

Tibati, Cameroons, xiii. 564
 Tiber valley, relief map of the, xii. 441
 Tibet (*see also* Asia, Central)—
 Across, Bonvalot, transl. Pitman, xiv. 194 †
 An American in, Rockhill, xiii. 53 †
 Area and height of, x. 41
 Borderlands of—Eastern, journeys in, Baber, v. 673; Desgodins, iii. 313; Pratt, xiii. 171, 329*; Northern, exploration of, Carey, ix. 175, 731*; Prejevalsky, x. 738 †; with Indo-China, map of, Hassenstein, iv. 453; with Sikkim, lake region of, Temple on, iii. 321*
 Climate, fauna, and flora of, ix. 222, 923
 Closed to Europeans, vii. 81, 89, 90
 Commercial value of, vii. 90, 91
 Expeditions and journeys in—viii. 425–429; A—K, v. 99, vi. 369 (Walker on), vii. 65*; Bower, xiv. 319; De Rhins, xiii. 561, 725; Grombechevsky, xiii. 36, 174; M—H, x. 89*; native Indian explorer (on the Sanpo, etc.), ii. 370, 427; Pievtsol, xi. 170, 563, xiii. 19*, 161*, 466, xiv. 801; Potanin (Eastern), ix. 223; Prejevalsky, ii. 566, v. 568, vi. 752 †, vii. 81, 167–172, ix. 221 *et seq.*, x. 378, 711, 738 †; Rockhill, xi. 489, xii. 380, xiv. 777; Szechenyi, i. 595, 792, ii. 197, vii. 81
 Flora of, Maximowicz on, xiii. 181
 From Paris to, Garnier, iv. 574 †
 Geographical results of latest journeys in, Ganzenmüller, i. 77
 Gold-washing in, Mesny on, vii. 544
 Lama survey of, ix. 366
 Large Game Shooting in, Kinlock, xii. 571 †
 Lesser, Journey in, Mrs. Bishop, xiv. 713, 868 †
 Lu river of, Walker on, ix. 352*
 Mission of George Bogle to, etc., Markham, i. 344 †
 Plateau of, v. 552, vii. 169, 383
 Report on exploration in, etc., xi. 568 †
 Routes from Dzungaria to, Jametel on, ii. 312
 South-Eastern, D'Anville's map of, x. 579; hydrography of, Walker on, x. 577*; Needham on, xi. 440
 To the Snows of, through China, Pratt, xiv. 425 †
 Trade routes from Bengal to, Lewin, i. 680
 Western, Exploration in, Trigonometrical Survey, i. 444*
 Work on, Desgodins, vii. 767
 Tidal investigations, progress in the study of, iii. 633; observations in India, Baird on, i. 455
 Tidal rivers, Practical Study on, and Particularly the Bre. Comoy, iii. 249 †
 Tide charts of English and Bristol channels, and entrance of the Thames, Percy, xiii. 511

Tides, irregularity of, in different localities, de Jonquières on, vii. 387
 Ti-depay mount, Athabasca, v. 646
 Tiedeman, A. von, Tana, Baringo, Nil. Mit Karl Peters Zu Emin Pasha, xiv. 873 †
 Tiele, P. A., *Niederlandsche Bibliographie van Land- en Volkenkunde*, vi. 545 †
 Tierra de la Guerra, Central America, ii. 581
 Tierra del Fuego, East Coast of, Exploration along, Lista, x. 542 †; ethnographical maps of, vi. 348, ix. 464; expeditions to, Lista, ix. 384; Szechenyi, 1879, vii. 81; lecture on, Lovisato, v. 298; northern, map of interior of, Rousson and Willems, xiii. 365
 Tieté river, ix. 109, 110
 Tietkins, W. H., journey in South Australia, i. 723, ii. 436; expedition to Lake Amadeus in W. Australia, xii. 169
 Tietze, Dr. E., *Geologische Karte der Umgehung von Lemberg*, iv. 447
 Tiflis, longitude of, v. 392; Magnetical Observations at, Mielberg †, iii. 189, x. 49; railways to and from, v. 134, 135, 170
 Tigris, floods of the, x. 393; river service on, between Bussorah and Baghdad, v. 134, 135
 Tih desert, Eastern Palestine, v. 675
 Tikal, ruins of, v. 192, 195, viii. 591
 Tikki-Tikki tribe, poisoned arrows used by, Felkin on, xi. 379
 Tiktingen mts., Caucasus, xii. 284, xiv. 100, 111
 Tila-lá pass, Tibet, vii. 75, 316, 324
 Tillo, General A. von, measurements of rivers of Russia, v. 559; altitudes of Russian stations, v. 174; Höhenkarte des Europäischen Russland, vi. 611; on the level of Russian lakes and the Baltic Sea, viii. 270, 272; on the longest rivers of the world, ix. 120; on the great watersheds of the globe, ix. 310; on the climates of the globe, ix. 768; on the mean height of land, etc., in northern and southern hemispheres, xii. 50; hypsometrical work in Russia, xii. 297, 298, 50, 51; on the magnetic conditions in Central Asia, xiv. 856
 Tim river, Poliakov's explorations of the, iv. 110
 Timan expedition, Chernyshef on the, xiii. 172
 Timbuktu, West Africa, v. 739; journeys to, early, iii. 316; Lenz, iii. 317, 371, 372; *id.*, map of, Kiepert, iii. 384; new route to, Angeli, ix. 623; position of, x. 247; Region between Touat and, Note on the Map of, Pouyanne, vi. 356 †; voyage of French gunboat *Niger* to, x. 164; Work on, Lenz, vi. 685 †
 Time globe, Juvet & Co., iii. 704
 Time standards for railways, European, xiv. 465

Timehri, *New Scientific Journal in British Guiana* †, iv. 696, xi. 633
 Timor, island of, Dr. Ten Kate's explorations in the, xiii. 562
 Timor I. †, *P. ...* on, vi. 472; †, †, †, †, †, †, v. 657, vi. 113*; map of, Veth, i. 544; people, flora and fauna of, vi. 119-127
 Timuri tribe, viii. 148
 Tirkak-Skargudai ridge, ii. 225
 Tingalus- and Tingarus tribes, Borneo, v. 94
 Ting Ling, mausoleum of Emperor Hsien-feng, v. 30
 Tinné, John A., obituary of, vi. 381
 Tinnevely, shifting sands of, S. India, vii. 733, 734
 Tioney tribe, Canada, v. 649, 728
 Tio-cajas, S. America, xiv. 127
 Tipuani, ravine of, Bolivia, v. 314, 323
 Tipuahuani river, Bolivia, v. 337
 Tipuns of Formosa, xi. 288
 Tira valley, Saffd Koh, i. 46, 47
 Tirach Mir mountain, height of, vi. 9
 Tirband-i-Turkistan range, vii. 278, 283, 565
 Tirich Mir peak, Hindu Kush, i. 795, iii. 72, vi. 9
 Tiryns, Prehistoric Palace of Kings of, Schliemann, viii. 402 †
 Tisnaf river, Turkistan, x. 504, xiv. 782
 Tissandier, A., *Voyage au Tour du Monde*, xiv. 877 †
 Tissot, Ch., *Recherches sur la Géographie Comparée de la Mauréanie l'ingiane*, i. 151 †; *Le Bassin du Bagrada et la Voie Romaine de Carthage à Hippone*, iii. 504 †; *Exploration Scientifique de la Tunisie* †, vii. 555, x. 477
 Tissot, Victor, *Voyage au Pays des Tziganes*, ii. 324 †; Hungary from the Adriatic to the Danube, v. 49 †; *La Russie et les Russes*, vi. 53 †; *Unknown Switzerland*, xi. 509 †
 Tista river, Sikkim, iii. 323
 Titicaca, Lake, Bolivia, iv. 672, xiii. 48; altitude of, x i. 229; *Estudio Monografico del, La Puente*, xiv. 504 †; railways to, xiv. 562
 Titiquo river. *See* Quendecue.
 Titirapenga mountain, New Zealand, vii. 202, 222
 Tlakanelo's village, Basutoland, x. 523
 Tlinket Indians, the, Krause, vii. 767 †
 Toba plateau, Afghanistan, Campbell on, ii. 620, 623
 Tobas Indians, S. America, iv. 566, v. 487, 739, vi. 230
 Töbjesen, Captain, Arctic voyage of, ii. 24

Tobler, T., and A. Molinier, *Itinera Hierosolymitana et Descriptiones Terræ Sanctæ*, etc., ii. 392 †
 Tobo lake, exploration of, Modigliani, xii. 669
 Tocantins river, Brazil, visit to delta of, Wells, viii. 513*
 Toce river and valley, v. 621, 624
 Toshi valley, Northern India, iv. 692
 Tochira river, E. Africa, vii. 654
 Tocopilla, S. America, waterless condition of, iv. 626
 Todd, Major E. D'Arcy, surveys in N. Persia, v. 57
 Toeppen, H., *Die Doppelinsel Nowaja Semlja*, i. 409 †; *Hundert Tage in Paraguay*, vii. 694 †
 Tofooa island, S. Pacific, xii. 157
 Togai valley, ii. 224
 Togari tribe, New Guinea, xii. 692
 Togoland—
 European factories in, vii. 278
 Explorations in—x. 799; Büttner, xiv. 499; Henrieli and Gräde, x. 309
 German—Protectorate of, vii. 377*; map of, Hassenstein, x. 612; Work on, Henrieli, x. 476 †
 Work on, and the Slave Coast, Zöller, vii. 487 †
 Tohila, natives of, New Guinea, xii. 220
 Tokanu, geysers at, vii. 209
 Tokio, Geographical Society of, v. 429; of political economy and statistics, v. 559
 Toksun, Central Asia, iii. 350, xii. 82
 Tolan-Khodja river, Central Asia, xii. 163
 Toll, Baron von, expedition to the Lena delta, viii. 893; to the New Siberian islands, ix. 51, 177, 577, x. 248
 Tollens, H., *The Hollanders in Nova Zembla (1596-97)*, vi. 544 †
 Tolok-Betoung, Sumatra, v. 737
 Tolstoi, Leon, *What I Believe*, transl. Popoff, viii. 605 †
 Toltec tribe, Central America, v. 44
 Tomaschek, W., *Centralasiatische Studien, Die Pamir-Dialekte*, ii. 781 †; *Die vor-slawische Topographie der Bosna*, etc., ii. 780 †; *Zur Kunde der Hämus-Halbinsel*, ix. 712 †
 Tomczek, M., death of, and work in Africa, vi. 480
 Tomkins, Rev. H. G., geography of the region from the Nile to the Tigris, as known to the ancient Egyptians, x. 717
 Tomkinson ranges, Australia, xiv. 182
 Tomkinson routes from, iv. 533
 Tonga, natives of, viii. 559
 Tonga tribes, South-east Africa, v. 285, vii. 382
 Tongariro, hot springs of, vii. 221; mountain, v. 667, vii. 202, 203, 210, 211
 Tonghoo, Burma, railway to, x. 262
 Tong-king—
 And the new approach to Yunnan, Boulger, iv. 643

Tong-king—continued—

- Boundary with Shan States, iv. 723
 Dykes of, viii. 221, 222
 Explorations in—French, iv. 608;
 Fuentes, vii. 255, 256
 From Paris to, by land, Prince Henry
 of Orleans, xiii. 691
 Harbours of, Renaud on, ix. 255
 Hill Slopes of, Scott, viii. 217 *
 Maps of:—v. 629, xiii. 61; Gouin, v.
 629, vi. 487; Cressin, v. 750; to illus-
 trate expedition to, vi. 360
 Plateaux and forest region of, viii. 218
 Railways in, De Cuverville on, x. 246
 Tribes of mountains on frontier of, Les-
 serleur on, v. 43
 Works on—Aumotte, vi. 477 †; Mesny,
 vi. 483 †
- Tong-king, Gulf of, Garcean's map of, iv.
 450
- Tongoni, Usambara, i. 86
- Tongwe peak, Usambara, i. 88
- Tonike, ancient trading station of Africa,
 xiii. 525, 527, 546
- Toule Sup. *See* Tale.
- Tono river, Bolivia, v. 318
- Topham, H. W., on Green's explorations
 in the Selkirk range, xi. 170; Visit to
 Mount St. Elias, etc., xi. 424*; explora-
 tions in Mount St. Elias region, xii. 382;
 in the Selkirk mountains, xiii. 113; the
 Selkirk Range, xiii. 554 *
- Topley, W., Report on the Erosion of the
 Sea-coasts of England and Wales, viii.
 402 †; the N. Atlantic, viii. 402 †; Surveys
 of Europe, viii. 402 †
- Topographical work in the Russian empire,
 Dalton on, xiv. 237
- Topography, relation of, to geography,
 Drapeyron on, xiv. 703; Treatise on,
 Inelan, i. 814 †
- Torgut tribe, Central Asia, ii. 496, ix. 215
- Torino, Cuorgne, Torre Pellice, etc., map
 of, Fritzsche, vi. 754
- Tor-koor village, Southern Persia, v. 145
- Torna, fort of, W. India, iv. 461, 462
- Torra mountain, expedition to, White, v.
 256, 257; temperature near the, v. 264
- Torres Straits, vi. 197, 198, 203; Admiralty
 survey of, iv. 554; pearl shell trade in,
 v. 506
- Toruma country, E. Africa, iv. 749
- Tosa province, Japan, ix. 98
- Tosu Nor, Tibet, xiv. 778
- Totemism, by J. G. Frazer, ix. 783 †
- Totonaca tribe, Vera Cruz, ix. 568, 570
- Totoral, Lago del, Bolivia, iv. 647
- Touaregs. *See* Tuaregs.
- Touat. *See* Tuat.
- Touggourt. *See* Tugurt.
- Toula, Prof. F., Reisen und Geologische
 Untersuchungen in Bulgarien, xii. 568 †;
 Der Stand der Geologischen Kenntniss
 der Balkanlander, xiv. 131 †
- Toulouse, Congress of French Geographical
 Societies at, 1884, vi. 350, 476
- Tounat. *See* Tumat.
- Toumby, village of, West Africa, v. 175
- Tourinho, Sebastião Fernando, first ex-
 plorer of the Rio Dôce, x. 66
- Tournefort's idea of the geographical dis-
 tribution of living forms, iii. 598
- Touset, mean pressure at, xiii. 146
- Towson, J. T., obituary of, iii. 108
- Toynbee, Capt. H., on the meteorological
 results of the *Challenger* expedition, xiii.
 156; Weather Forecasting for the British
 Islands, etc., xiii. 537 †
- Tozer, Rev. H. F., Turkish Armenia and
 Eastern Asia Minor, iii. 115 †; the
 Islands of the Ægean, xii. 244 †
- Trade Routes of the World, Götz, xi.
 191 †
- Trade winds, drying power of, viii. 755;
 connection of the, with some West
 Indian problems, Halliburton, viii. 732
- Trades, Tropics, and Roaring Forties, In
 the, Lady Brassey, vii. 129 †
- Træger, Dr. E., Die Halligen der Nordsee,
 xiv. 568 †
- Tragbal, Himalayas, avalanche near, xiii.
 404
- Trugelaphus scriptus*, West Africa, v. 705
- Traill, W. E., on the depth of frozen soil
 at Prince Albert, viii. 744
- Training colleges, etc., geographical edu-
 cation in, Onkeley and Filch on, x. 297;
 R. G. S. prizes to students of, x. 234,
 468, xi. 453, xii. 236, 476, xiii. 231, 494,
 xiv. 235, 489
- Trakun, deserted fort at, viii. 331
- Tramplér, Prof. H., Berg und Flusskarte
 der Alpen, viii. 412
- Tramplér, R., Eisenbahnkarte der Oester-
 reichisch-ungarischen Monarchie, 185
- Trans-Caspian Railway (Central, and Turkistan)—
 Colonization in, xiv. 858; Annenkoff on,
 xi. 436
 Deserts of, xi. 279; Konshin on, ix. 625,
 626
 Expedition to, xii. 301 †
 History of, i. 385
 Maps of:—ix. 593; by Caucasian Army
 Staff, iv. 450
 Population of, xiv. 858
 Surveys in, Russian, v. 392, ix. 436
 The, and its Railways Heyfelder, x. 106 †
- Trans-Caspian Railway—iv. 216, 217,
 486, viii. 149, 267, xiii. 25, xiv. 3; Cur-
 zon on, xi. 273*; De Bieberstein on, x.
 388; Wiedemann on, x. 174; passage of
 deserts, xi. 279
- Transcaucasia, forests and railways of,
 Lyall on, i. 796
- Trans-Caucasie et la Péninsule d'Apchéron,
 Gulbenkian, xiv. 59 †
- Trans-continental survey, North (U.S.A.),
 Maps of—Yakima region, Colville
 region, Crazy mountains, Judith basin,
 v. 630
- Trans-Iliian Ala-tau, Turkestan, iii. 159,
 x. 638
- Trans-Saharan railway. *See* Sahara.

Transvaal—

Almanac and Directory, Jeppet, ii. 140, iii. 190

Area and population of, iii. 3 *and note*, vi. 627

Boundary with Portuguese possessions, the new, Jeppe on, xiv. 633; with Zululand, i. 325

Communication between Newcastle and, map showing, iii. 254

Correspondence on, etc., ix. 136 †

Geology of, Alford on, xiii. 239 †; Schenck on, x. 249

Gold-fields of, Schenck on, x. 249; map of, Prosser, vi. 361; *id.*, Stanford, x. 402; (the Kaap), Jeppe on, x. 438 *

Maps of—Intelligence Department, iii. 120; Jeppe, xi. 466

Naturalist in, Distant, xiv. 503 †

Olifant Basin, lower, map of, viii. 285

Sekukuni's territory in, map of, ii. 77, 144

Survey, trigonometrical, of, vii. 610

Trade of, vi. 627

Transylvania, Facts, Figures, and Fancies from, Gerard, x. 311 †

Trarzas, country of the, Fabert on, xiv. 338

Traub, P., Voyage au Pays de Bogos, etc., xi. 395 †

Traubenberg, Dr. and Freiherr von Rausch, Hauptverkehrswege Persiens, xii. 572 †

Trautwein, Th., Register zu den Publicationen des Oesterreichischen Alpenvereins, x. 48 †

Travaillleur, scientific expedition of the, iv. 103, vi. 94, 346, 347, 595, xi. 605

Travancore, hills of, vii. 728; survey of, ix. 577

Travel, Adventure, and Sport, from Blackwood's Magazine †, xii. 185, 365, xiii. 188

Travellers—

Collections, exhibition of, in Paris, xi. 604

Equipment for mountain climbing, xiv. 465

Guide for, a Treatise on Scientific Observations, etc., Neumayer, x. 607 †

Hints to Scientific and General, edit. Freshfield and Wharton, xi. 701 †

Manuel for, Kaltbrunner, i. 151 †

Scientific instructions for, i. 453, iii. 237, viii. 393, 423

Travers, Lieut.-Gen. James, obituary of, iv. 381

Traversi, Dr., communication on Lake Zuway, viii. 722; expedition to the same and Upper Hawash, ix. 627; to the Urbarugh region, East Africa, x. 451

Travespines river, Labrador, x. 194

Tracher, Mr., explorations in North Borneo, x. 143; remarks on the same, x. 22, 144

Tregear, E., the Aryan Maori, vii. 331 †; Maori-Polynesian Comparative Dictionary, xiii. 742 †

Trek-Boers colony in Damaland and Angola, iii. 14, 15, 588

Tremlett, C. F., notes on Saigon and Cochinchina, i. 391; on the Indo-Chinese Peninsula, ii. 569

Trendell, A. J. R., Her Majesty's Colonies, etc., viii. 750 †

Tres Cruces, pass of, Bolivia, view from, v. 320

Trevelyan, Sir W. C., obituary notice of, i. 336

Triboulet, M., on the uses of photography, xi. 556

Trigonometrical survey. *See* India.

Trimen, Dr., on the flora of Ceylon, vii. 243

Trinidad Channel, Maclear's survey of, ii. 419

Trinidad—Currents near, chart of, Harragin, v. 440; Guide to, Collens, ix. 394; Official and Commercial Register of, *id.*, xiv. 728 †; Works on, Clark, viii. 749 †; Verteuil, vi. 302 †

Trinidad, Island of, Atlantic, search for treasure on, Knight, xiii. 242

Trinius, A., Thüringer Wanderbuch, xi. 509

Tripoli, vi. 615, 630—Economic map of Cirenaica and, vi. 110; Geography, etc., of Fezzan, Cirenaica, and, Borsari, xi. 253 †; Journey from, to the Kufra Oasis, Rohlf's, iii. 696 †; Routes from, into the Sudan, Fournel, x. 50 †

Tripolis, Asia Minor, latitude of, x. 162

Tripolitanian, Rohlf's expedition in; map of, iii. 64; and Tunis, De Bisson, iv. 246 †

Tristram, Canon, the Flora and Fauna of Western Palestine, vi. 525 †; remarks at evening meetings, viii. 715, ix. 700, xiv. 750

Triton, the, surveying ship for coasts of the United Kingdom, v. 593

Triton river, N.W. Africa, vii. 195

Tritriva, the Volcanic Lake of, Madagascar, Sibre on, xiii. 477 *

Triton, J. H., on proposed railway connection between India, Siam, and China, viii. 18

Trivier, M., exploration of the Lukuga river, xi. 98; La "Gironde" en Afrique, xiii. 376 †

Trobriand islands, xiv. 790; Macgregor's exploration of the, xiv. 327

Trocadero, Museum of the, exhibition at, Charnay, v. 174, 175

Troitsk, Siberia, iii. 152

Troja; Researches, etc., on the Site of Homer's Troy, Schliemann, vi. 100 †

Trollope, Anthony, South Africa, i. 205 †; obituary of, v. 389

Trötsch, E. von, Dislokationskarte der Kriegsmacht des Deutschen Reiches, i. 154

- Tromholt, S., under the rays of the Aurora Borealis, vii. 481
- Tromp, T. M., Herinneringen uit Zuid-Afrika ten tijde der Aunexatie van der Transvaal, i. 406 †
- Tromso Amt, Norway, ethnographical map of, xiii. 60
- Trondhjem, Norway, v. 554, 555
- Trong, fortified villages of, viii. 227
- Troodos, Mount, Cyprus, xi. 707
- Trotter, Coutts, on Powell's visits to N.E. New Guinea, v. 516; on New Guinea, v. 670; summary of our present knowledge of the same, vi. 196 *; on Recent Exploration in the same, xii. 687 *; Memoir of Sir H. Yule, xiii. 242 †
- Trotter, Capt. H., Views as to the sources of the Yarkaud river, xiv. 780
- Trotter, Capt. P. D., Our Mission to the Court of Morocco in 1880, iii. 442 †; map of N.W. Morocco, iii. 444
- Trouillet, M. Cl., the Island of Boulam, v. 558
- Troup, J. R., remarks on Mr. Stanley's letter, xi. 382; With Stanley's rear column, xiii. 54 †
- Troy, Plain of, Ilios: Stadt und Land der Trojaner, Schliemann, iii. 61 †. *See* Troja.
- Troy's map of the Witwatersrandt Gold Fields, xi. 638, xii. 253
- Trübner's Oriental Series, Miscellaneous Papers relating to Indo-China, xi. 393 †
- Truquell River, Lake Rudolf, xi. 679
- Tsad, Lake. *See* Chad.
- Tsahan-ossu, Tibet, xiv. 778
- Tsuidam, vii. 70, 168, 169, xiv. 778
- Tsang-shan range, vii. 380
- Tsaparang town, i. 446
- Tsar Liberator peak, Central Asia, vii. 812
- Tsavo district, E. Africa, Stevens on, xii. 281; river, iv. 750
- Tséng, Marquis, on McCarthy's journey across China, i. 507
- Tsetse fly belt in S. Africa, iii. 14, 19
- Tshambezi river. *See* Chambezi.
- Tshi-speaking Peoples of the Gold Coast, Ellis, xiv. 62 †
- Tshing-shan. *See* Chigunda.
- Tshing-shan, vii. 600
- Tsiando. *See* Chiamdo.
- Tsion-Tang Kiang, the Bore of the, Moore, xi. 700 †
- Tsin-chow, town, Kansu, iii. 491
- Tsin-ho, tributary of the Song-coi, viii. 220
- Tsing-ling-shan range, xii. 64
- Tsing-tan rapid above Ichang, viii. 383
- Tsiribihira river, Madagascar, Anthouard's journey up, xiii. 560
- Tsitshar, town of, ix. 551
- Tsivory, village of, Madagascar, xiii. 368
- Tso-kiang river, Southern China, xiii. 254
- Tsun-i-Fu, China, i. 496
- Tsu-shima, Island of, Woolley's visit to, ii. 313
- Tuareg Hoggar tribe, negotiations with France, xii. 428
- Tuaregs of Algeria, iv. 363, xii. 299; of the North, Bissuel, xi. 188 †
- Tuat, Work on, Schirmer, xiv. 727 †
- Tübingen, map of environs of, ix. 137
- Tucuman province, history and description of, viii. 411
- Tudor, J. R., the Orkneys and Shetland, v. 431 †
- Tugela river, Zululand, i. 324, iii. 7
- Tugeri tribe, New Guinea, xiv. 789
- Tugurt, iv. 366; determination of position of, Duveyrier, viii. 205
- Tuhila island (Maoura), Oceania, v. 426
- Tuichi river, Bolivia, v. 336
- Tukto-yuk, Greenland, vii. 386
- Tukto-yuk, Africa, iii. 43
- Tukatu range, i. 57
- Tulazac, Père, ascent of Mount Ambondrombo, Madagascar, xiii. 39
- Tuli river, Mashonaland, xiii. 12
- Tuma, Anton, Greichenland, Makedonien, und Süd-Albanien, x. 175 †
- Tomat, maps of region of the source of, v. 184, 248
- Tumed tribe, Northern Manchuria, x. 497
- Tumén, or Khauli Chiang, river, ix. 557, x. 487, xiv. 148
- Tumlong, palace of the Rajah of Sikkim at, iii. 326
- Tumuan natives, New Guinea, ix. 596, 600, 607
- Tumuc Humac mountains, Guiana, x. 473; exploration of, Crevaux, i. 131; *id.*, Oumireau, xi. 439
- Tumusapa, town of, Bolivia, v. 328, 335, 336
- Tunbunwha tribe, Borneo v. 94
- Tundscher tribe, Sudan, xi. 574
- Tung river, China, xii. 243, xiii. 334, 335
- Tung chaddra river, viii. 693
- Tungara tribe, North Borneo, x. 9, 10
- Tung-ching-chan, town of, ix. 561
- Tunghi bay, E. Cent. Africa, v. 393, 394
- Tung-Hwan-Hsien (or Sachu, *q.v.*), vii. 71
- Tung-lo-ling mountains, China, ii. 156 *note*
- Tung Rosli gorge, Persia, v. 69
- Tungunagna volcano, S. America, xiv. 127
- Tunguska, on the, and Yakutsk, Müller, iv. 576 †
- Tungwa town, Congo, i. 235
- Tunis, Tunisia—
- Across, Studies on the Oasis, etc., Baraban, ix. 587 †
- And its environs, Lallemand †, xii. 437, xiv. 807
- Archæological mission in, Letaille, vi. 477, 478
- Basin of the Bagrada, etc., Tissot, iii. 504 †
- Beja, Kairwan, etc., French maps of, v. 55
- Bibliography of, Ashbee, xii. 246 †
- Cartographical Note on, Corn, viii. 131 †

Tunis, Tunisia—continued—

- Central—Discovery of the Hydrographical Basin of, Rouire, xi. 514†; map of reconnaissance in, Poincot, v. 686
- Changes in, and condition of, since the French Protectorate, Playfair, vii. 750, x. 719
- Communication in, principal means of, vii. 776
- Explorations in—Guérin, iii. 500; (in Southern), Blanc, xi. 250; *id.*, Valéry-Mayet, ix. 255
- Forests of, Sandwith on, ix. 682
- French, Poiré, xiv. 342†; French expedition to, iii. 566
- Land and People of, Hesse-Wartegg, iv. 514†
- Maps of:—Dubail, iii. 444; Kiepert, iii. 384; Service Géographique de l'Armée, v. 55, vii. 136, xiv. 350, 882; Wyld, iii. 768; (reconnaissance), xiv. 202, 581; (topographical), xiii. 746
- Northern, and Province of Constantine, map of, iii. 768
- Oasis region of, Blanc on, xi. 251
- Scientific Exploration of, Tissot†, vii. 555, x. 477
- Souvenirs of the expedition to, Girard, v. 678†
- Surveys in, vii. 339
- Tour in, Playfair, viii. 522
- Travels in, Ashbee and Graham, x. 107†
- Work on, Lanessan, ix. 649†
- Tunis, city of, maps of environs of, Perrier and *Pet. Mitt.*, v. 438
- Tunis, Gulf of, changes of coast line of, Fischer on, ix. 243
- Tunka, mountains of, Eastern Sayan, Madame Golubtzof's researches in, x. 388
- Tunke (Tioge, or Lower Okavanga) river, viii. 650
- Tun-o-Tabbas, viii. 144
- Tupa Dawan, Turkistan, x. 504, xiv. 782
- Tupende country, W. Africa, Dr. Poggo's visit to, iv. 684; tribe, ix. 756
- Tupinier island, Oceania, volcano of, v. 511
- Tupper, Sir Ch., remarks at evening meetings, x. 564, xi. 169
- Turama river, New Guinea, xiv. 790
- Turbat-i-Haidari, Turkestan, v. 9
- Turco-Greek frontier, map of, ii. 714; *id.*, Ardagh, iv. 447
- Turenne, Le Cte. de, Quatorze mois dans l'Amérique du Nord, i. 286†
- Turfan, city of, iii. 349, 350, ix. 749, x. 499, xiii. 210, 215; Regel's expedition to, 1879–80, Morgan on, iii. 340*; map of the same, iii. 700
- Turgutes. *See* Torgut.
- Turin, v. 621, 623, 625; map of district of, vi. 754; mappamondo di Torino, reproduced and described by G. Attino, xiv. 811
- Turris tribe, Afghanistan, i. 640
- Turk island, West Indies, xiv. 596

Turkistan, Turkoman Country (*see also* Asia, Central, and Transcaspien), iii. 529*

- Catalogue of works on, etc., Méjow†, i. 687, v. 542, xi. 55
- Chinese, or Eastern—travels in, Bonvalot, xii. 234, 235; Carey, ix. 175, 342, 377, 731*; Dauvergne, Walker on, xiv. 779*; Regel, ii. 631
- Colonization in, Russian, xiv. 857
- Deserts of, geographical constitution of, iv. 637; *id.*, v. 1*
- Expeditions in—Balchashine, ii. 767; Lessar, iv. 566, v. 1*; *id.*, notes on, Rawlinson, v. 12; Ujsalvy (French Scientific), ii. 269†
- Geographical and Chronological Description of, v. 1*
- Inhabitants of, x. 498
- Irrigation schemes in, xiii. 24, 25
- Map of, Walker, i. 748
- Mounds or barrows in, iv. 492
- Notes of travel in, Semenoff, xii. 49
- Political and Chronological Description of, in, 1887, x. 638*
- geological map of, Romanovsky and Mushketof, viii. 541; military province of, extent of, iii. 150; *id.*, general staff map of, i. 79; Statistics and Geography of, Clarke, ii. 69†; topographical work in, i. 384
- Russian invasion of, i. 182
- Shifting sands of, iii. 724
- Western, progress of knowledge of, since 1830, iii. 617
- Turkey (*see also* Ottoman Empire), (in Europe), map of, Liebenow, viii. 63; Work on, Boné, xi. 508; Russian surveys in, 1877–79, ii. 768; in Europe and Asia, Hellwald and Beck, i. 282†
- Turkey in Asia, Geographical and Statistical Work on, Cuinet†, xiii. 739, xiv. 569†; hysometrical map of, iv. 766; Life in, Davis, i. 313†; progress of knowledge of, since 1830, iii. 618
- Turkish claims of territories on the Red Sea, vii. 94 *et seq.*
- Turkoman country. *See* Turkistan.
- Turkomans, the, iii. 529*, vii. 566–576; of Merv, iv. 350; slave trade of the, iii. 535, 536; their horses, iii. 540, 541; raids, viii. 145, 146
- Turks in Asia Minor, vi. 311, 313
- Turlik-su river, Central Asia, xii. 165
- Turnbull and Foster's astronomically mounted terrestrial globe, ii. 592
- Turner, G., Samoa a Hundred Years Ago and long before, vi. 357†
- Turner, T. A., Argentina and the Argentines, xiv. 344†
- Turner, W. J., map of the British Colonies and adjacent territories in South Africa, ii. 718; note on Mr. Selous's map of Matabeleland, x. 296
- Turnuk river, i. 197
- Turoiking, or Ipelemuta village, vii. 505
- note, 528

- Turosh river, viii. 33
 Turshiz district, Persia, iii. 525
 Turukhansk circuit, excavation of a mammoth in the, xii. 51
 Tuscan Republics with Genoa, Duffy, xiv. 865 †
 Tuscany, Ancient, Reyer, vii. 53 †
 Tushilange. *See* Bashilange.
 Tuslar pass, Turkistan, xiv. 781
 Tuticorin, S. India, vii. 732
 Tutuin glacier, Caucasus, xii. 265 *note*, 270
 Tuyen-kwan town, viii. 242
 Tuyuk pass, xiv. 12
 Tuz-tan mountains, Central Asia, xiii. 220
 Tuzu river, Upper Burma, xi. 198, 199
 Tweek-kway, Mount, British Guiana, ascent of, Whiteley, viii. 453
 Tyasal, town of, viii. 589, 590
 Tym river, Sakhalin island, iv. 610, 611
 Tyndall, Prof. J., on the action of glaciers, x. 780, 783; remarks at the dinner to Mr. Stanley, xii. 499; *New Fragments*, xiv. 345 †
 Tyndall glacier, Alaska, ix. 274, x. 431, 432
 Tyndall, Mount, New Zealand, vi. 58
 Typhonia, cave of, Cilicia Tracheia, xii. 448
 Tyrol—
 Enviions of Zirl, Landeck, etc., map of, Maschek, i. 612
 Formation of the Tirol-Venetian highlands, Mojaisovics von Mojsvar, i. 283
 Geology, etc., of South-Western, Lepsius, i. 283 †
 Journeys through, i. 284 †
 Maps of:—xii. 367; Handlike, xii. 506; Meurer, ix. 526; South, etc., relief map of, xii. 643
 Tyrrell, J. B., Narrative of the Journeys of David Thompson in N.W. America, xi. 121 †
 Tytler, Capt. W. F., survey of Helmund, i. 196, 197

U

- U—G., native explorer, work of, in Tibet, xi. 568, 569
 Uapa, or Shark, river, Fernando Po, ix. 624
 Uapisi river, S. America, xiv. 486
 Ubangi. *See* Mobangi.
 Uberiqui river, Peru, xiv. 387
 Ubinas, Mount, altitude of, Pern, xii. 229
 Ucayali river, Peru, xii. 228; Journey to the Head Waters of the, Ross, xiv. 382 *
 Uchan, Northern Persia, v. 58
 Uchungwe mountains, E. Africa, ii. 118
 Ued Rir, Algerian Sahara, iv. 365; artesian borings in the oasis of, Rolland on, xi. 312
 Uédle, Chukohe peninsula, iv. 623
 Umba country, E. Africa, vii. 333
 Ugaidé, Mar. I., v. 318
 Ugalla river, E. Africa, iv. 105

Uganda—

- And the Victoria Lake, Wilson on, ii. 354
 Ashe on, xi. 626
 Characteristics of, xiv. 824
 Climate and products of, ii. 354
 English missionaries in, iv. 94
 Envoys from, introduction to the Queen, ii. 366; return of, iii. 562
 Journeys to—Jackson and Gedge, xiii. 193 *; Lugard, xiv. 817 *; Pearson, iv. 62
 King Mtesa of, rumoured death of, v. 479
 Population of, v. 481
 The Egyptian Soudan and, Wilson and Felkin, iv. 183 †
 The Story of the Uganda Mission, xi. 188 †
 Two Kings of, Ashe, xi. 460 †
 Ugen river, Central Asia, ix. 786
 Ugogo, Northern, notes of a journey through, Southon, iii. 547
 Ugombo, lake, E. Africa, iv. 284
 Ugro-Russian Songs, Collection of, Vol. Iant, viii. 60 †
 Ugneno country, Central Africa, xii. 176, 230
 Uguha, Central Africa, Hutley on, iii. 221
 Ugun-Agatch, Russian Turkistan, x. 640
 Uguru hills, E. Africa, ii. 265
 Uhehe country and people, ii. 120, 121, vii. 332
 Uhenge. *See* M'henge.
 Uhha, people of, Central Africa, v. 165
 Uighurs or Hoi-Hoi, kingdom of the, Central Asia, xiii. 210, 223
 Ujfalvy, C. E. de, Le Kohistan, le Ferganah, etc., i. 77 †; on the region of the Upper Oxus, i. 144; map of the same, i. 544; *Leçon d'ouverture d'un Cours de Géographie de l'Asie Centrale*, etc., i. 148 †; *Le Syr-Daria, le Zéraf-châne*, etc., i. 405 †; *Résultats Anthropologiques d'un Voyage en Asie Centrale*, i. 811 †; *Expédition scientifique française en Russie*, etc., ii. 269, 324, 521 †; expedition to Southern Russia and Central Asia, ii. 253, iii. 184; Kashmir and Little Tibet, iv. 238
 Ujvaly, Marie de, De Paris à Samarkand, i. 61 †
 Ujiji, district and town, iv. 22, v. 691; caravan road to, iv. 2; position of, i. 207; rainfall and temperature at, xi. 588, 589
 Ukambani, E. Africa, iv. 751, 752
 Ukami district, soil and climate of, xi. 307
 Ukangu mountains, E. Africa, iv. 278
 Ukára, E. Africa, iv. 745
 Ukero river, W. Africa, vii. 456
 Ukeredi river, E. Africa, ii. 338
 Ukerowe, island of, visit to, Dermott, xiv. 120
 Ukhei-Nor lake, position of, xii. 424

Uku peak, Suannetia, x. 348
 Ukumbini river, Usambara, i. 85
 Ulanga river, E. Africa, ix. 48. *See* Ulanga.
 Ulava island, Solomon islands, xii. 412
 Ulu-hunhur lake, Central Asia, ix. 215
 Ulu-auz pass, glacier and peak, Caucasus, xi. 671, xii. 266, 284, xiv. 112
 Ullrich, V., the Horizontal Configuration and Composition of Europe and North America, v. 373 †
 Ulu-chiran or Bezingi glacier, xiv. 112, 113
 Ulungu district, Central Africa, ii. 692
 Uluu river, E. Africa, ix. 474
 Ulysses, or Scenes and Studies in many Lands, Fulgrave, ix. 784 †
 Umanak Fjord, observatory at, xiv. 414
 Umba, E. Africa, i. 556
 Umbek-dunder range, Russian Lapland, ii. 596
 Umbelosi valley, ix. 499
 Umbria tribe, Australia, xi. 670
 Umlugwe, Central Africa, xiv. 634
 Umehetu river, S. Africa, xiv. 633
 Um Digāl quarries, ix. 680
 Umfuli river, Mashonaland, iii. 357
 Umkumbura river and tributaries, deposits of gold in bed of, viii. 73
 Umlauf, Prof. Dr. F., Die Alpen, ix. 712 †; *id.*, transl. Russian, xi. 116 †; Die Hochalpen in der Erde, xiv. 877 †
 Umnyati river, S. Central Africa, iii. 356, 357
 Umon district and natives, West Africa, iv. 94, 95, x. 756
 Umpinge river, S. Central Africa, v. 268
 Umquasi river, S. Central Africa, v. 268
 Umsengaisi river, S. Central Africa, v. 268
 Umvukwe mountains, S. Central Africa, v. 268, 270
 Umzengeze river, viii. 71, 73
 Umzila's country, expeditions to—American missionaries, iv. 93; Jesuit missionaries, iii. 177, 306, 422, iv. 228; Phipson-Wybrants, ii. 627; Portuguese, v. 33, 405
 Umzimonya's kraal, xiii. 588
 Unah pass, i. 245
 Unaka lagoon, Lake Nyasa, i. 312
 Underhill, West Africa, v. 569
 Undumo river, Bolivia, v. 328
 Ungo, fan used in iron working, E. Cent. Africa, v. 587, 752
 Unguz or Charjui dry channel of the Oxus, vii. 235-237, viii. 58
 Ungwesi river, Central Africa, xi. 217, 220
 Un-hyön-kung, palace of Söul, v. 283
 Unimak island, Alaska, ix. 278
 Union Pacific Railway, the, ii. 576, 677
 United Kingdom, Admiralty surveys in the, ii. 418, iv. 551, v. 593, xiv. 376; Industrial Rivers of the, xi. 51 †; Ordnance survey of the, White, ix. 205 †; Year Book of the Imperial Institute, xiv. 810 †

United States—

Agricultural and industrial map of, ix. 35; *see also* Agriculture, Northern trans-Atlantic, ix. 17.
 Altitudes in, Gannett on, vii. 534
 Arid lands of, Powell on, x. 793; project for irrigating, x. 455
 Army, report of the Chief of Engineers, iii. 191, viii. 475, xi. 255, xiv. 427 †; of the Chief Signal Officer, viii. 410, ix. 521, x. 478 †
 Atlantic, Arctic, x. 260; Scribner's, ix. 322 †
 Black hills of Dakota, atlas of, topographical and geological, iv. 256
 Census, of 1880, vii. 695, ix. 58, 133, 588, xi. 59, 462; of 1890, result of, xiii. 112 †
 Coast and Geodetic Survey of, Publications of, viii. 476, x. 742, xii. 365, xiii. 240 †
 Commercial map of, Rand and Co., xii. 55; relations of, with Foreign Countries, 1885-86, xi. 121 †
 Consular Reports on Emigration and Immigration, ix. 523 †
 Dictionary to, Bradshaw's A. B. C., ix. 322 †
 Diplomatic and consular offices of, map showing location of, xi. 64
 Economy and statistics of, Ratzel, ii. 325 †
 Englishman's Guide-Book to, vii. 834 †
 Ethnology, Bureau of, report, 1882-83, ix. 521 †
 Exhibits at Venice congress, iii. 753
 Expeditions—to Alaska, vii. 246; Arctic, various, ii. 483; *Jeannette*, i. 519; in search of the same, iii. 788, 784, iv. 28; to Lady Franklin bay, iii. 586, 735, iv. 171, 690; *id.*, report on, Greely, xi. 317 †; to Point Barrow, iii. 735, iv. 232, 608
 Exploring expedition, 1838-42, Narrative of, Wilkes, viii. 283 †; *id.*, Ethnography and Philology, Hale, viii. 283 †
 Forests, destruction of, in, xii. 431; maps of, vi. 175
 Genesis of the, Brown, xiii. 304 †
 Geographical education in, xiv. 399, 400
 Geographical Survey, Geological History of Lake Lahontan, Russell, ix. 321 †; Pierce on, ix. 704; report on, Hayden, i. 132; *id.* (West of the Hundredth Meridian), xiii. 568 †
 Geological Survey, Annual Reports of †, i. 285, ii. 460, viii. 537, ix. 781, xii. 707, xiii. 307, xiv. 342; Bulletins of †, viii. 277, 406, 601, ix. 58, 321, 460, xi. 255, xiii. 304, xiv. 262 †; Contributions to North American Ethnology, v. 320 †; geological and mineral resources of Leadville, xi. 59; maps of, i. 544; mineral resources of the, viii. 406, xi. 316, xiii. 304; Monographs

United States—continued—

of †, vii. 618, 695, 770, ix. 521; new survey and topographical map, viii. 334; Pierce on, ix. 704; progress of, x. 712; report on, Hayden, i. 132; topographical maps of, notes on, Gilbert, x. 734

Geological Survey of Lake Bonneville, Gilbert, xiii. 305 †

German emigrants in, map showing distribution of, vi. 614

Grand Cañon district, atlas on tertiary history of, Hutton, vi. 243

Handbook of, King, xiv. 572

Hydrographic Charts, i. 751, ii. 400, 720, iii. 123, 256, 446, 512, 703, iv. 191, 256, v. 55, 119, 184, 312, 440, 687, 752, vi. 242, 304, 363, 428, 550, vii. 64, 270, 416, 494, 560, 702, viii. 288, 350, 415, 544, 679, ix. 66, 140, 330, 466, 529, 594, 728, 788, x. 60, 187, 260, 325, 483, 548, 676, 748, xi. 64, 127, 194, 467, 523, 640, 704, xii. 56, 123, 192, 253, 371, 443, 576, 647, 711, 755, xiii. 135, 191, 312, 447, 575, 698, 746, xiv. 67, 140, 351, 510, 583, 735, 816, 833

Indian Affairs Office, the Great Storm (M. S.), i. 188 †

Indians in, decrease of, vii. 552; their rock-inscriptions, Hoffmann on, viii. 398

Maps of:—xiv. 202; K. Johnston, vi. 550; land office, viii. 542; Luddecke, x. 403; Philip, vii. 413; Rand, McNally and Co. (indexed pocket), ix. 657, 724, xiv. 138, 270, 350, 430, 510, 581, 733; *id.* (railroad and county), iii. 120; Ziegler, iv. 455

Meteorological charts, by signal officer of war dept., xiv. 511

Mining Industries of, Report on, Pumpelly, ix. 522 †

Morasses of, Shaler, xiv. 342 †

Mortality, etc. of, Report on, from census of 1880, Billings, viii. 210 †

Mother maps of, Gannett on, xiv. 459

National museum of, Bulletins of, xiv. 572 †. *See* Dewey, Goode.

Natural Resources of, Patton, x. 253 †

Physical Geography of, Ratzel, i. 78 †; facts and figures illustrating the, Whitney, xi. 317 †

Population of, centre of, xiii. 230; distribution of, Gannett, xiii. 568, 612; elements of, xiv. 560

Public Domain of, its History, etc., Donaldson, vi. 608 †

Public surveys, etc., map of, Williamson, i. 157

Railway maps of, official, ix. 593; Ravenstein, ii. 719; Williamson, i. 157

Rainfall of, Powell on, x. 739; *id.*, West of Mississippi, Greely, x. 308

Rock inscriptions in, Hoffmann on, viii. 398

Smithsonian Institution, Reports of the †, ix. 389, xiv. 574

United States—continued—

South-Western, topographical survey of, Wheeler and Hayden, iii. 414

Surveys of, i. 363; near Behring Straits, Dall on, iii. 47

Tables of Geographic Positions, etc., Macomb, viii. 602 †

The West from the Census of 1880, Porter, Gannett, and Jones, iv. 325 †

Weather Bureau, Report of the Chief of the, xiv. 574 †

West coast of, photograph of model showing orography of, etc., Davidson, x. 186

Western, map of, Mason and Payne, ix. 788; geological and topographical atlas of, King, i. 159

Yellowstone national park in, survey of, i. 212 †

Universal Atlas. *See* Atlas.

Universal Geography, Reclus, edit. Ravenstein and Keane, Vols I.-XII., x. 219 †

Universities, the teaching of geography at the, Mackinder, ix. 698

Un-jin, mirioks at, viii. 310, 311

Unknown river, Athabasca, v. 645, 648

Unkofsky, Captain, the embassy of, to Dzungaria, x. 183 †

Unyamwenda, chief and town, viii. 70, xii. 351

Unyamwezi, origin of the name, xiii. 547

Unyamyebe, proposed telegraph line to, i. 266

Unyika, Central Africa, ii. 210, 730; table-land of, xii. 734

Unyoro, surface configuration of, Lugard on, xiv. 238; river swamps of, xiv. 821, 825

Uong-van village, viii. 226

Upemba lake, Central Africa, vii. 606 and *note*

Upemvik, vii. 180

Upua-wa-ndani, E. Africa, iv. 733

Ural mountains, barometrical observations in, Tchernichev, ix. 54; expedition to, Malakhof, iv. 108; Reconnaissance of eastern slope of, ix. 432

Uranga or Ranga stream, E. Africa, i. 453, iii. 652. *See* Ulanga.

Urara island, New Britain, iii. 92

Urbargh region, E. Africa, Traversi's exploration in, x. 451

Urech, G., *Chronique de Moldavie depuis le milieu du xiv^e siècle, jusqu'à l'an 1594*, viii. 605 †

Urga, post road from, to Peking, iv. 639

Urgenj, Tartar siege of, i. 165 *note*

Urmiah. *See* Urumiyah.

Uruguay—

Annual Statistics of, xi. 753 †

At the Paris exhibition, 1889, xi. 753 †

Central Journey to, Christison, ii. 663*

Eastern Republic of, maps of, vii. 413, viii. 64; *id.*, Berra, v. 688; *id.*, commercial, Bianconi, x. 747; work on, vii. 619

French commerce in, vii. 396

Uruguay—continued—

Report on, Palgrave, vii. 821

Upper valley of, as a field for colonization, Mix Beschoren on, ii. 702

Urumiya, lake of, Kurdistan, x. 173, xiv. 260

Urumtsi, Central Asia, iii. 351, ix. 740, xii. 79, 81, xiii. 211, 213, 214

Urundu, Tanganyika, iv. 27

Usagara, E. Africa, iv. 283, vii. 332; Boyet's notes on, iii. 562; soil and climate of, xi. 307

Usambara—

And its surroundings, Baumann, xiii. 692 †

Description of, Meyer, xi. 95, 96

Farler on, i. 81 *

Fauna and flora of, i. 562

Geology of, notes on, Thomson, i. 558

Journeys in—Baumann, xii. 421, 615, 667; Keith Johnston, i. 545; Meyer, xi. 39; Stokes, vi. 464

Route to the Masai country, *vid.* iv. 740

Sketch map of, Baumann, xi. 195

Soil and climate of, Schmidt on, xi. 306

Soil, flora, and people of, i. 91

Usangi range, Central Africa, xii. 230

Usangula station, E. Africa, ix. 494, xi. 807

Usbeg race, viii. 268

Ushorne Port, and ranges, N.W. Australia, v. 723

Usoghara. *See* Usagara.

Usegha, E. Africa, vii. 453; Pfeil's journey through, x. 94; Southern, soil and climate of, xi. 307

Useri river, E. Africa, xii. 231, 232

Ush Turfan, Turkistan, x. 500

Ushak, latitude of, x. 162

Ushba mount, Caucasus, ix. 767, x. 337, 340, 689, xii. 284, xiv. 101, 111

Ushba-Dongusorun group, xiv. 101

Usher, A., map of British Honduras, x. 812, xi. 126, xiii. 63; photographs of the same, and Guatemala, xiii. 64

Ushkul, Caucasus, x. 335

Ushmughzal, ii. 218

Ushtarani tribe, i. 55

Uslar, Baron P. K., *Ethnography of the Caucasus* †, x. 176, 736, xi. 392, xiii. 735

Usmao district, Central Africa, ii. 618

Usoga district, *See* 823

Usli or . . . i. . . . i. xiii. 660

Ussuri country, Northern, Nadarof's survey of, x. 181, 182; river, ii. 645

Ustunavend, ancient name for city of Firnzkuh, v. 172

Usu-Tag range, Central Asia, xii. 163

Usukuma district, Central Africa, ii. 619

Usamacinta river, Guatemala, v. 197; ruins on, v. 197, 198, 200-202, 385

Usun river, Caucasus mountains, xiii. 319

Usungula station, soil and climate at, ix. 494, xi. 307

Utah, deserts of, xiv. 180; photographs of, xiv. 432

Utješnović, O., *Die Naturschätze im Nördlichen Croatia*, i. 740 †

Utopi river, South Africa, x. 292

Utrecht. Van Druten's map of, iv. 327

Utricularia Humboldtii, vii. 516, 530Uvillier, G., *Rocamadour*, xiv. 723 †

Uwangu country, E. Africa, xii. 226

Uyu river, Upper Burma, xi. 208

Uyui town and district, Central Africa, ii. 619

Uyuni, Peru, railway to, Mrs. Grove on, xiv. 708

Uzaramo, country, E. Africa, vii. 332; new stations in, ix. 494

Uzboi Channel of the Oxus, i. 165, vi. 286, vii. 234, xiv. 236; diversion of the Oxus into, i. 281; exploration of, i. 342

Uzgun river, viii. 34

Uzielli, G., *Leonardo da Vinci et le Alpi*, etc., xiv. 345 †

Uzu-tagh mountains, Central Asia, xiii. 103, 102

Uzun-Ada, Trans-Caspian railway terminus, xi. 281

V

Vaal river, S. Africa, vi. 20

Vaalpen tribe, viii. 441

Vaca, Alvar Nuñez Cabeza de, journey across N. America, xii. 292, 293

Vaca, Dr., on the Beni, v. 325, 331

Vacas river, Bolivia, v. 341

Vaccarone, L., *Statistica della Prima Ascensioni nelle Alpi Occidentali*, xii. 569 †Vachibokwe. *See* Kioko.

Vaffier, M., photographs of Tunis, viii. 532

Vaigal tribe, Kafiristan, vi. 10

Vakhia river, viii. 43, 44, 45

Vakinankaratra, volcanic region of, Madagascar, xiii. 477, 478

Vakshi river. *See* Waksh.Valdau, G., journey in the Cameroons district, viii. 454, x. 380; *Reise in das Gebiet nördlich vom Kamerungebirge*, viii. 405 †; discovery of a crater lake on mount Cameroons, xiii. 557Valencia, Venezuela, lake of, Hesse-Wartegg on, x. 795; map of railway from, to Puerto-Cabello, *id.*, x. 812

Valéry-Mayet, M., explorations in South Tunis, ix. 255

Valle Dupar, S. America, iii. 709

Valle, P. della, travels of, in India, xiv. 870 †

Vallée, Léon, *List of Books*, etc., bearing on New Caledonia, v. 746 †

Vallentin, Florian, the Cottian and Graian Alps, v. 182 †

Valleys, the formation of, Löwl on, vi. 302 †; Penck on, x. 608 †; influence of wind and rain on, Rucktäschel on, xi. 609, 610

- Vallière, Capt. J., Haut Sénégal et Haut Niger (map), iv. 520; summary of recent explorations in French Soudan, x. 378
- Vallino, D., and V. Sella, Monte Rosa e Gressoney, xii. 767 †
- Vallot, M., on rarified air on mountains, xi. 99; on the glacial catastrophe at Tête Rousse, xiv. 553
- Val-Vallak pass, viii. 41
- Valverde y Alvarez, Atlas Geográfico Descriptivo de la Peninsula Ibérica, ii. 336
- Vámhéry, A., His Life and Adventures, written by himself, vi. 101 †; the Geographical Nomenclature of Country between Merv and Herat, vii. 591 *
- Vambéry, H., Die Sarten und ihre Sprache, xii. 637 †
- Vangaindrano, Madagascar, xiii. 160
- Van Bu, xiii. 717
- Van Bylandt, Count, remarks on the Dutch expedition to Central Sumatra, i. 775
- Van Campen, S. R., the Dutch in the Arctic Seas, vii. 491 †
- Van der Aa, P. J. B. C. Robidé, Reizen naar Nederlandsch Nieuw-Guinea, i. 813 †; account of the same, vii. 172
- Van der Chijs, J. A., De Vestiging van het Nederlandsche Gezag over de Banda-Eilanden, ix. 260 †; Nederlandsch-Indisch Plakaatboek †, ix. 260, x. 252, xiv. 809; Dutch Enterprise in the Malay Archipelago in 1663, xiv. 809 †
- Van der Hollen. See Veth, D.
- Van der Stok, Dr. J. P., Regenwaarneming in Nederlandsch-Indie, ix. 459 †
- Van Gele, Capt., explorations on the Mobangi river, ix. 440, x. 300, xi. 325 *et seq.*, xiii. 37, 175, 394, 610; discovery of its connection with the Wello-Makua, x. 234
- Van Horn desert, xiv. 180
- Van Nivel, Lieut., expedition to the Gran Chaco, xi. 135
- Van Zyl, Mr., first settlement of, in Damaraland, iii. 14
- Vanapa river, New Guinea, xii. 193 *et seq.*, 688
- Vancouver island, coal mines of, xiii. 67; the Indian races of (map), ix. 464
- Vancouver, town of, xi. 456
- Vanilla orchid, growth of, in Columbia, v. 260
- Vanj river, iv. 414, viii. 45, 46
- Vanjany, H., map of the environs of Cairo, v. 117
- Vauuslim, M. M., journey in Central Asia and discovery of new route from the Caspian to the Aral Sea, i. 332, 357
- Varaldo, O., L'Origine di Cristoforo Colombo, ix. 721 †
- Varat, Ch., Voyage en Corée, xiv. 725 †
- Vardø, Norway, i. 669, ii. 279
- Vardy, R. A. R., remarks on the place of geography in education, viii. 714
- Varigny, M. C. de, on the progress of civilization in Oceania, i. 220
- Varna, the, exploring vessel, v. 166, 176, 177, 348, 378, 379, 556, 603, 783
- Varnhagen, Baron, on Vespucci's alleged first voyage, xiv. 610
- Vasco da Gama's zweite Reise, Tagebuch über, Stier, ii. 783 †
- Vasseur, G., and L. Carez, Carte géologique générale de la France, viii. 213
- Vatakri, plain, Central Asia, i. 354, ii. 318
- Vaté, or Sandwich, island, vii. 252
- Vatupusau peak, Guadalcanar island, x. 365
- Vaughan, Capt., voyage to Hudson's bay, x. 533
- Vaughan, Lieut., explorations in Persia, xii. 380, 577
- Vaux, Ludovic de, Palestine, v. 567 †
- Vayssière, Le Tindoul de la, Martel and Gaupillat, xiv. 722 †
- Vaz, Capt. da Fonseca, receives medal for Major Serpa Pinto, iii. 432
- Vedda tribe of Ceylon, ix. 392; Deschamps on, xiii. 51; Sansin on, xiii. 232
- Velova, G. D., Pellegrino Matteucci ed il suo Diario inedito, viii. 211 †
- Vega, the, exploring vessel, i. 21, v. 363; the Voyage of the, round Asia and Europe, Nordenskiöld †, iv. 446, vi. 172, x. 52; *id.*, transl. Leslie †, iv. 64, 122; winter station of, meteorological observations at, ii. 59 *et seq.*
- Vega gold medal of the Swedish Geographical Society, iv. 386, vii. 553
- Vegetable Kingdom, the, Lindley, viii. 132 †
- Velburi tribe, New Guinea, xii. 693
- Velde, M. Van de, remarks on H. H. Johnston's paper, v. 710
- Velho, Major R. Palma, governor of Quirimba islands, v. 403
- Vendée, cantonal atlas of, vi. 244
- Venetian occupation of the south coast of Anatolia, vi. 307
- Venezuela—
- Boundary between Brazil and, surveys of, ix. 193; between British Guiana and, im Thurn on, ii. 51; between Columbia and, map of, Viso, vii. 494
- Commercial map of, Bianconi, x. 747; notes on, xi. 635 †
- Cordilleras of, route map of, Sievers, x. 186
- Forest region of, xii. 429
- Gold mining in, prospects of, etc., Wears, x. 398 †
- Journeys in, Sievers, vii. 612; Report on the same, viii. 537 †
- Map of, physical and political, vii. 186
- Picographs of, Lamsen, xiii. 644
- Railway from Valencia to Puerto-Cabello, etc., map of, Hesse-Wartegg, x. 812
- Travels in, Sachs, i. 78 †
- Souvenirs of, De Tallemay, vi. 172 †
- Work on, Sievers, xi. 635 †

- Venice, Cartography of, Account of, iii. 762 †; International Geographical Congress at, iii. 567, 745; Report on the same, Baird, iii. 749; *id.*, Wheeler, viii. 803 †. *See* Surveys.
- Venukoff, M., *Liste des Voyageurs Russes en Asie*, 1854-80, iii. 61 †; on trade with Korea, iv. 564; on Lessar's journey in the Turkoman country, v. 19; on Prejevalsky, v. 43, 175; map of the southern part of the Littoral province of Siberia, v. 686; on Russian exploration and geographical work, vi. 97, 477, vii. 49, 253, viii. 27, 272, x. 170, 172; on the general map of Russia, vi. 283; on physical geography in Russia, vi. 474; on the map of Siberia, vii. 191; on the progress of the Trans-Caspian railway, viii. 58; on sulphur deposits in the Trans-Caspian deserts, viii. 58; on the desiccation of Central Asian lakes, viii. 615; on the altitude of Lake Bolor, ix. 55; on the basaltic rocks of Mongolia, xi. 180; abstract of geographical work, from memoirs of Russian General Staff, xi. 311; explorations in the Mugodjara mountains, xii. 39, 296
- Vera Cruz, State of, Mexico, the Aboriginal Races of, Baker, ix. 568*; trade of, *id.*, x. 384
- Veramin, ruins of, Persia, xiii. 648
- Verbeek, R. D. M., Krakatau, vii. 554, viii. 604
- Verdía, L. P., *Compendio de la Historia de México*, etc., xiv. 574 †
- Vereecke, Lient. A., *La Belgique en relief* (map), iii. 128
- Verestchagin, Vassili, *Esquisses de Voyage dans les Indes*, iv. 773 †; *Reiseskizzen aus Indien*, viii. 344 †; *Autobiographical Sketches*, transl. Peters, x. 55 †
- Vergara, R. G., *General Description of the Departments of Lima and Callao*, i. 813 †
- Verrata mountain, New Guinea, v. 355
- Verins, Father, *Excursion in New Guinea*, viii. 272
- Verkhoyansk mountains, Cherski's explorations of, xiv. 409
- Vermejo, Rio, old map of the, iv. 239
- Vermilion, fort (Peace river), v. 652, 653
- Vernagt glacier—Floods caused by the Vernagt and Gurgler Glaciers, Richter, xiv. 866 †
- Vernan, Dr. R., explorations in the Canary Islands, x. 247; *Cinq Années de Séjour aux Iles Canaries*, xiii. 739 †
- Verner, Capt. W., *Map Reading for Military Purposes*, xiii. 243 †; *Notes on Military Topography*, xiii. 377 †
- Verney, Sir Harry, remarks at evening meetings, v. 316, viii. 370, x. 470
- Verny, Turkistan, iii. 159; Earthquakes in the District of, x. 638*
- Versteeg, W. F., on the Dutch boundary line in N.E. Borneo, x. 455, 798
- Verteuil, L. A. A. de, Trinidad, vi. 302 †
- Verme, Captain B. de, explorations in Somaliland, xiii. 721, xiv. 372
- Vespucci, Amerigo, *Il Quarto Viaggio di*, Hughes, vii. 749 †; and his alleged first voyage, note on, xiv. 606
- Vesuvius, Mount, Lohley, xi. 748 †
- Veth, D. journey (with Van der Hellen), in W. Africa, vii. 401; death of, vii. 671
- Veth, Prof. P. J., map of the Tenimber islands, i. 544; Dutch expedition to Central Sumatra, i. 682, 759*; explorations in Sumatra, vii. 253; *Ontlekkers en Onderzoekers*, ix. 785 †
- Viang Ké village, Shan States, xiii. 706
- Vichumbi, Lake Albert Edward, xiv. 541
- Victoria—**
- Aborigines of, Smyth, i. 742 †
- Catalogue of Exhibits in Colonial and Indian Exhibition, viii. 539 †
- Census of, xiii. 488
- Geologic survey of, xi. 579
- Geology and Physical Geography of, Murray, ix. 650 †
- Government of—grant for exploration, viii. 795; expedition to New Guinea, ix. 305
- Illustrated Handbook of, viii. 539 †
- Maps of—xi. 579; (school), vii. 704; Skene, iii. 701; Stanford, ix. 65
- Natural History of, x. 110 †
- Royal Society of, on Antarctic exploration, viii. 719
- Statistical Register of the Colony †, x. 479, xi. 60
- The Victorian Year-book, Hayter †, x. 543, xi. 190
- Victoria, *Annals of*, Fort. Tana river, xii. 700
- Victoria, *Boat Voyage on*, xi. 456
- Victoria Falls, the, Holub, i. 741 †; Deele's journey to, xiv. 325
- Victoria Falls of the Curitiba, vi. 581, 743
- Victoria, Lake, Pamirs, iv. 617
- Victoria mount, Owen Stanley range, xi. 606, xii. 206, 210, 213, 559, 688, xiv. 788; Macgregor's ascent of, xi. 504
- Victoria Nyanza—**
- Altitude of, Mackay on, vi. 283; Ravenstein on, xi. 435
- Boat Voyage on, Mackay, vi. 273*
- Discovery of, iii. 638, 688
- Expeditions to—Algerian Missionary Society, ii. 691; Baumann, xiv. 634, 804, 858; C. M. S. (*see below*, mission); Felkin, ii. 357; Hannington, vii. 539; Thomson, vi. 401, 461, 601, 690*, 707. *See* Thomson.
- Gedge on, xiv. 322
- Mission to (C. M. S.), i. 590, 665, ii. 44, iii. 178, 562
- Region between Lake Albert Edward and, explorations in, Lugard, xiv. 413
- Rise and fall of, Wilson on, i. 136
- Route to, from Pangani, iv. 731
- South-west shore of, Schynse's survey of, xiii. 637, (map), 696
- Uganda and the, Wilson, ii. 353 †
- Water supply of, xiv. 825

- Victoria peak, Cockscomb range, xi. 550
Victoria regia lily, ii. 477, 487
 Victorica, Dr., explorations in the Gran Chaco, xi. 188
 Vicuña Mackenna, B. Juan Fernandez, History, etc., of, vi. 54 †
 Vidal Gormaz, F., *Jeografía nautica i Derrotero de las Costas del Peru*, i. 812 †; *Anuario Hidrografico de la Marina de Chile*, ii. 72 †; *Jeografía Náutica de Bolivia*, ii. 72 †; *Noticias del Desierto i sus Recursos*, ii. 71 †; *Noticias sobre las Provincias Litorales correspondientes a los Departamentos de Arequipa, etc.*, iii. 116 †
 Vidal-Lablache, M., *Des Divisions Fondamentales du Sol Français*, xi. 187 †; historical and geographical atlas, xiii. 186, 192, xiv. 884
 Viedma, Don Fr. de, *Informe general de la Provincia de St. Cruz de la Sierra*, viii. 211 †
 Vienna, Imperial Academy of Sciences at, bequest by M. Boné to, v. 298; environs of, Austrian government map of, iv. 123, 249; plan of, Schönbrunn, v. 501; railway map of, Artaria and Co., ii. 203
 Viénot, R., plan of la Ville d' Amiens, ix., 526
 Vignon, L., *La France dans l'Afrique du Nord*, ix. 619 †; *L'Expansion de la France*, xiv. 873
 Vigoni, P., *Abissinia*, iii. 379 †
 Vilcamayo river, Bolivia, xii. 228
 Vilers, M. le Myre de, on Malagasy names of places, viii. 598
 Villamil de Rada, Dr. E., *La Lengua de Adan y el Hombre de Tihuanaco*, xii. 707 †
 Villanueva, Magdalena State, iii. 711
 Villanueva, A., *Salitres i Guanos del Desierto de Atacama*, i. 286 †
 Villaret, Cape, Australia, v. 724
 Villarino, Don Basilio, *Surveys and Diaries of*, viii. 2.2 †
 Villavicencio, Dr. R., *La República de Venezuela, etc.*, ix. 526 †
 Villegas, General, expedition in the Argentine Republic, iii. 594
 Villery, Lieut., expedition to the Tapa-jos, x. 651
 Villers, G. de, presentation of collection of maps to Paris Geographical Society, viii. 402
 Villiers, C. H., photographs of Somaliland, xiv. 584
 Vilovo, J. R. S. von, *Die Felsungen des Kasan und die Donau- und Theiss-Regulirung*, i. 740 †
 Vinci, Leonardo da, journey in Asia Minor, vi. 323, 342; the alpine notes of, Freshfield on, vi. 325 *
 Vincent, B., Haydn's Dictionary of Dates, xi. 755 †
 Vincent, F., Around and about South America, xii. 362 †; In and Out of Central America, xiv. 731 †
 Vincent, M., on the island of Mohilla, x. 598
 Vincente, Central Africa, xii. 717
 Vincocaya, altitude of, Peru, xii. 229
 Vindhya range, viii. 681
 Vineland Voyages, Studies on the, Storm, xi. 462 †
 Vining, E. P., *An Inglorious Columbus*, vii. 768 †
 Vinland the Good, British North America, vii. 25
 Vipsha, or Zip-sha, country, Central Africa, xii. 751
 Virchow, Prof., on acclimatization, ix. 691; on the country and people of old and new Egypt, xi. 49, 50
 Virginia, South-West, Resources of, Boyd, iii. 505 †
 Virunyo Viagongo mountain, W. Africa, xiv. 541
 Vis, C. de, on the fauna of Owen Stanley range, xii. 717
 Vishalgarh, fort of, W. India, iv. 467, 468
 Viso, J., *Mapas para servir al estudio de la frontera entre Venezuela y Columbia*, vii. 494
 Vista, W. Africa, v. 695
 Vivi, W. Africa, ii. 183, iii. 97, v. 569, 697, 698, vi. 181, 182, 624
 Vivian, A. P., *Wanderings in the Western Land*, ii. 72 †
 Vladivostok, Manchuria, ii. 567
 Vlamingh, Capt. W. de, Arctic voyage of, ii. 7
 Voelkof. See Woeikoff.
 Vogel, Dr., *Le Monde Terrestre au point actuel de la Civilisation*, ii. 523 †; *L'Europe Orientale depuis le traité de Berlin*, ii. 588 †; *Post- und Eisenbahn-Karte von Deutschland, etc.*, vi. 803; on photography, xiii. 670
 Volcanic curves in Europe, Kalkoussky on, ii. 138
 Volekmur, F., *Atlas Universal para las Escuelas primarias, secundarias y normales*, x. 676
 Volga, Russian trade between Persia and the, v. 122; work on the, Ragosin, ii. 655
 Vollant, G. A., *Collection of Ugro-Russian Songs*, viii. 60 †
 Volscian mountains, xiv. 422
 Volta, bend of the Xingu river, viii. 520
 Volta river, W. Africa, v. 39, 600, xii. 167, 168; Basel Missionaries' Explorations on, viii. 246 *; British and German boundaries on, xii. 653
 Volxem, M. J. van, on the level of the Caspian, i. 340
 Volz, Dr. B., *Unsere Kolonien: Land und Leute*, xiv. 873 †
 Von Buch, L., on changes in the sea-level, xiv. 639
 Von der Decken, Baron C. C., *Reisen in Ost Afrika in 1859-65*, iii. Bund., i. 741 †
 Von Donop. See Donop.
 Von Haast. See Haast.

- Von Lendenfeld. *See* Lendenfeld.
 Von Möllendorf. *See* Möllendorf.
 Von Mueller. *See* Mueller.
 Von Roon, Field-marshal, death of, i. 280
 Voos, Leopold, plan of Hamburg-Altona, v. 435
 Vorarlberg, journeys through, i. 284 †
 Voges mountains, M. Chiron on the structure of the, xiv. 318
 Vossion, L., *Les Provinces Égyptiennes du Soudan et de l'Équateur*, xiv. 873 †
 Vryburg, S. Africa, xiii. 2
 Yuga, Usambara, i. 82, 84, 85
 Vuillemin, A., atlases by—France, vii. 272; Europe (physical), iii. 704; river basins of France and Europe, i. 224; maps by—basins of the Tagus, Guadiana, etc., ii. 396; Europe (physical), iii. 637, v. 120; Haïti, iii. 512; Pyrenees (physical and route), i. 154
 Vuillot, M., excursion to the "Shotts" of Algeria, xiv. 471
 Vujia, Persia, v. 58
 Vulcan island, Oceania, volcano of, v. 511
 Vunduzi river, vii. 509
 Vunge, E. Africa, xii. 147
 Vyse, G. W., on the Tal-Chotiali route from India to Candahar, ii. 318
 Vyvyan, Sir R., death of, ii. 402

W

- Waagen, W., Salt-range fossils, Geological Survey of India, ix. 259 †
 Wa-asi tribe, E. Cent. Africa, v. 528
 Wabasca, Lake, N. America, v. 635
 Wa-bena tribe, vi. 525
 Wabisa people, vii. 334
 Wabondei tribe, E. Africa, i. 84
 Waboni tribe, W. Africa, xiv. 518
 Wabâma tribe and river, West Central Africa, v. 577, 578, 580, 702, 706
 Wa-buno tribe, W. Africa, v. 706
 Wa-chagga tribe, vii. 145, xii. 701
 Wadai, area of, xi. 572, 573; Matteucci's expedition to, ii. 317, 507
 Wadan tribe, E. Africa, v. 717
 Waddington, S. E., Spain and the Spaniards, xii. 186 †
 Wade, Sir T., remarks at evening meetings, iv. 764, v. 454, ix. 372, 565, x. 43
 Wadsagga. *See* Wachagga.
 Wa-duruma tribe, E. Africa, vi. 553
 Wady Arabah, the, v. 675
 Wady el Humh and Wady e' Rumina, Arabia, vi. 388
 Wady Halfa, vii. 124
 Wady Qondil, viii. 94
 Wady Sirhan, Arabia, ii. 83
 Wady Sudr, reconnaissance sketch map of Warren, v. 436
 Wady Sufur dyke, Nubian desert, vi. 332
 Waetipn, Mount, New Guinea, vii. 505, 527
 Wagnadugu, town of, W. Africa, xii. 167
 Waganda tribe, Central Africa, ii. 355, 384, v. 480, xiv. 828, 831; Notes on, ix. 132 †
 Wagner, Dr. H., Uebersicht der Länder in welchen bisher wirkliche Volkszählungen stattfanden (maps), ii. 655; on graphic illustrations in geographical teaching, iii. 440; map of the German Empire and its neighboring countries, v. 183; of Africa (wall), viii. 348; on the growth of geographical societies of the world, xi. 42; on geographical professorships in Europe, xi. 43; on the progress of educational geography, xi. 43; on the natural limits of Europe, xiii. 684; estimate of the population of the earth, xiii. 689; Festsrede im Namen der Georg-Augusts-Universität zur akademischen Preisverteilung am 4 Juni, 1890, xiii. 188 †; Geographisches Jahrbuch †, vii. 264, viii. 281, xi. 191, xiii. 189, xiv. 344
 Wagner, J. E., general map of Bohemia, v. 183; *id.*, Western, iii. 640; *id.*, railways and roads, x. 673
 Wagstaff, W. G., report on the coal fields of S. Russia, x. 305
 Wagueno tribe, Central Africa, xii. 230
 Waguha tribe, iii. 221-223
 Wagwangwara tribe, i. 421
 Wahab, Capt., survey of the Black Mountain region, etc., xi. 105, 411, xiii. 557; on the Zhob valley, xii. 169; on the Miranzai expedition, xiii. 696
 Wahehe tribe, E. Africa, i. 329, ii. 121
 Wahiao. *See* Yao
 Wahl, M., L'Algérie, iv. 444 †
 Wahlen, E., Wahre Tagesmittel und Tägliche Variation der Temperatur an 18 Stationen des Russischen Reiches, ix. 458 †
 Wahnschaffe, Dr. F., Die Ursachen der Oberflächengestaltung des Nord-deutschen Flachlandes, v. 787 †
 Wahuma tribe, xii. 320, xiv. 823, 832
 Wahumba tribe, E. Africa, i. 789, v. 518, 520, 539, 585. *See also* Wakwafi.
 Wahyao. *See* Yao.
 Waigat Fjord, temperature in, vi. 575
 Waigatz island, Kara Sea, v. 97, 600, 601
 Waikato river, New Zealand, vii. 206-209, 218
 Wainâd, the, S. India, vii. 726
 Waingmaw, Irawadi river, iv. 561
 Waini river, Guiana, xiv. 668, 675
 Wais, village of, Karun river, xii. 520
 Waitomo caves, New Zealand, Humphries, xi. 736
 Wa-itumba Iron-workers, Visit to, East, v. 581 *
 Wajmânî pass, Northern Persia, v. 78
 Wakagnru tribe, E. Africa, i. 790
 Wakalindi tribe, E. Africa, i. 84
 Wakamba tribe, E. Africa, i. 789, iv. 155, xii. 132, xiv. 520, 521
 Wakavirondo tribe, E. Africa, iv. 737, 743, vi. 707, xiv. 822
 Wakefield, Rev. Th., work in E. Africa, i. 273; fourth journey to the Southern Galla country, i. 684, iv. 368 *; Informa-

- Wakefield, Rev. Th.—*continued*—
tion collected by, on Native Routes through the Masai Country, iv. 742*, v. 380; *id.*, on Somal and Galla Land, vi. 255*; grant of instruments to, v. 415; Vocabulary of the Káviróndq Language, ix. 588†; his exploration of the Tana, xiv. 581; on the Wakwafi raid, near Mombasa, v. 99, 289
- Wakhan river, xiv. 19, 22
- Wakhijrui, or Wakiji Kul pass, Hindu Kush, xii. 234, xiv. 783
- Wakil and Beg clans of the Turkomans, iii. 541
- Wakoli, tribe, xiii. 205, xiv. 414
- Wakonde. *See* Waukonde.
- Wakonju tribe, Central Africa, xi. 724
- Wakosobo tribe, E. Africa, iv. 737, v. 541
- Waksh river, Darwaz, iv. 414, 415, vi. 505, viii. 38
- Wakwafi tribe, E. Africa, i. 789, iv. 731, v. 541, vi. 77 *et seq.*, 629, 704; raid on the district near Mombasa by, v. 289. *See also* Wauhumba.
- Wala river, Africa, survey by Boehm and Reichard (map), v. 184
- Walcott, Ch. D., paleontology of the Eureka district, United States geological survey, vii. 770
- Walde, A., Touristen-Karte vom oberen Murg- und Rappoldtthal, ix. 787
- Waldenburg, J. v., Oldbich, ix. 723
- Walegga. *See* Waregga.
- Wales, Prince of, remarks on Stanley's journey, xii. 329
- Waller, P., *Handbook of the counties of England*, iv. 712; History and Geography of, for the Young, x. 473†; North, Murray's Handbook for travellers in, viii. 212†
- Walfish Bay region, xii. 662; explorations in, Duparquet, ii. 588; Stapff, ix. 511
- Waliabad, Persia, v. 60
- Walker, Gen. J. T., work on the N. W. frontier of India, i. 61; map of Turkistan, etc., i. 748; reports, etc., on the survey of India (*see* India, survey of); on the mean sea-level at Bombay and Madras, iv. 611; on A—K's journey in Tibet, v. 169, vii. 65*; survey work in India, vii. 682, 683; Address at the British Association, 1885, on the Survey of India, vii. 675; Notes on Mount Everest, vii. 88*, 257*; on the identification of Mount Everest, viii. 179, 180; on the identity of the Yáru-Sanpo, viii. 100; on the mean sea-level of Suez and Panama canals, viii. 317; on the Lu River of Tibet, ix. 352*; on the hydrography of S.E. Tibet, x. 577*; proposal for naming of Peak K.2, x. 380, 516; on the geography of the Pamir, xiv. 52; on Expeditions among the Kachin tribes of Upper Burma, xiv. 161*; on Daurvergne's
- Walker, Gen. J. T.—*continued*—
Travels in Chinese Turkistan, xiv. 779*; remarks at evening meetings, vi. 445, 447, vii. 273, 284, 304, 326, ix. 38; x. 41, 516, xiii. 421
- Walker and Bonson, Messrs., map of the western province of the Gold Coast Colony, vi. 360
- Walker, H. B., atlas of the Dominion of Canada, i. 160
- Walker, Henry, explorations in North Borneo, x. 142
- Walker, John, his cartographic work, xiii. 626
- Walker, Lient., route between Burma and Arakan, xiv. 411
- Walker, Mount, Owen Stanley range, xii. 559
- Walker, Mrs., Untrodden Paths in Roumania, xi. 53†
- Walker, R., the Five Threes—33,333 miles by land and sea, vi. 312†
- Walker, R. B. N., on Sete Kama, West Africa, x. 36
- Walker, Rev. F. A., Nine Hundred Miles up the Nile, vi. 543†; remarks at evening meetings, viii. 124, xi. 17, 373, xii. 486
- Walker, W. F., the Azores or Western Islands, viii. 402†
- Wall, H. B. de la Poer, Manual of Physical Geography of Australia, ix. 650†
- Wallace, A. R., Australasia (Stanford's Compendium), i. 410†; on The Dutch Expedition to Central Sumatra, i. 775; Island Life†, ii. 713, xiv. 347; Travels on the Amazons and Negro, xii. 248†; remarks on receiving medal, xiv. 485
- Wallace, J. H. *See* Sherron.
- Wallace, Robert, the Rural Economy of Australia and New Zealand, xiv. 731†
- Waller, or Chombe mount, Lake Nyasa, i. 293, iii. 265
- Wallin, Dr., journey in Arabia, ii. 100
- Wallis, G., journey up the Purus, xii. 240
- Wa-lori tribe, E. Cent. Africa, v. 585
- Walseck, G., Eisenbahn-Karte v. Deutschland, ii. 144
- Walter, Dr. A., explorations in Spitzbergen, xi. 684. *See* Kükenthal.
- Walter, Prof., death of, i. 280
- Walter, Rev. H., some results of fifty years' explorations in Africa, iii. 686; on Some African Entanglements, x. 603†; Ivory, Apes, and Peacocks; an African Contemplation, xiii. 376†; remarks at evening meetings, i. 533, ii. 350, 741, iii. 277, iv. 87, vi. 194, 534, 654, vii. 450, viii. 85, xi. 78, 383, xii. 145, 743
- Walterhausen, S. di, Carta topografica dell' Etna, ii. 144
- Walther, Prof. J., on the geology of the Sinai peninsula and Arabian desert, x. 394; comparison of the deserts of N. America with those of N. Africa and India, xiv. 180

- Walvisch Bay. *See* Walfish.
- Wama, country of, Galla-land, vi. 266, 267
- Wamahenge tribe, E. Africa, ii. 117
- Wamanikapou lake, Labrador, x. 196
- Wambu river, viii. 736, ix. 703
- Wambugu tribe, E. Africa, i. 84, xi. 40
- Wambutti, dwarf tribe, Central Africa, xi. 272
- Wa-megi tribe, East Central Africa, v. 518
- Wami river, Central Africa, ii. 617, vii. 453
- Wanagi, W. Africa, iii. 28
- Wanderer*, the, Voyage of, Lambert, vi. 173 †
- Wandorobo tribe, E. Africa, v. 532, 541, vi. 80
- Wangemann, Dr., Uebersichtskarte über die Missionen in Ost-Afrika, i. 140
- Wangindo tribe, i. 421
- Wanguru tribe, E. Africa, i. 789, v. 517, 522
- Wanj river, Darwaz, iv. 414, viii. 45, 46
- Wankoude tribe, Central Africa, xii. 728
- Wansage, Abyssinia, mineral springs at, iv. 107
- Wantan, plain of, China, v. 446
- Wanyamwezi tribe, E. Africa, xi. 591, xii. 242, xiii. 516
- Wa-nyanja tribe, E. Africa, x. 28
- Wa-nyassa tribe, xiii. 270
- Wanyoro tribe, Central Africa, v. 480
- Wapangwa tribe, E. Africa, ii. 728
- Wapare tribe, E. Africa, iv. 732, xi. 615
- Wapiti, the, in Athabasca district, v. 640
- Wapokomo tribe, xii. 130, 134
- Warbung, Dr., on his journey in Formosa, xi. 742
- Warburg, Dr. O., journey to the Bonin Islands, xiii. 369; on the vegetation of New Guinea, xiv. 244
- Warburton, Col. E., journey across Western Australia, ix. 694, 695
- Warburton, or Diamantina river, Central Australia, iv. 165
- Ward, C. S., Guides by (Thorough Guide Series) †; the Eastern Counties, ix. 458, xiv. 723; Devon, South, and Cornwall, xi. 566, xiv. 424; Ireland, xi. 53; Surrey and Sussex, xii. 637; Wales, North, vii. 771
- Ward, Herbert, Five Years among the Congo Cannibals, xiii. 54 †
- Ward, T. H., the Reign of Queen Victoria, ix. 590 †
- Wardrop, O., the Kingdom of Georgia, x. 807 †
- Waregga, or Walegga tribe, Cent. Africa, xiv. 546
- Wargla, Algeria, iv. 362
- Wari tribe, British New Guinea, MacGregor's visit to, xiv. 414
- Wa-rima tribe, E. Cent. Africa, v. 522, 585
- Warming, Prof., expedition to West Greenland, vi. 344
- Warramuri, Guiana, xiv. 672
- Warraputa cataracts, rock pictures at the, ii. 472
- Waran Redmen, of Guiana, xiv. 678, 682
- Warren, Sir Ch., reconnaissance of Arabia Petraea, etc., v. 436; plan of Jerusalem, vi. 547; Survey of Western Palestine, vi. 424 †; Address at the British Association, 1887, ix. 629 *; on the Ordnance maps, ix. 704
- Warrior reef, New Guinea, v. 517
- Warua tribe, E. Africa, ii. 557, 735
- Warufuji tribe, iii. 647
- Waruguru tribe, W. Africa, xiv. 528
- Warumi river, New Guinea, xii. 560
- Wasambara tribe, E. Africa, i. 84, 91
- Wasania district, xii. 181
- Waseguhha tribe, E. Africa, i. 789
- Washamba tribe, xi. 97
- Wa-shan, Mount, China, xiii. 332, 333
- Washington, astronomical conference at, vi. 477; Rand and Co.'s sectional map of, xii. 574
- Washington, Cape, N. Greenland, xiv. 699
- Washington, Major F. P., on the Methods and Processes of the Ordnance Survey, xiii. 243 †
- Washington*, the, surveying ship, v. 489
- Washjird, Turkistan, vi. 511, 512 *and note*
- Wassaw, Gold Coast, map of, Horton, iv. 581; map of routes in, Thompson, vi. 488
- Wasura tribe, xiv. 834
- Wata's hills, Mashona-land, xii. 147
- Wa-tetta tribe, E. Central Africa, v. 545, vi. 555-557
- Waterfalls, Cataracts, and Geysers, Grent, described and illustrated, Gibson, ix. 523 †
- Waterhouse, Colonel, xiii. 403; survey work in India, vii. 691
- Water-partings, Studies on, Philippon, ix. 61 †
- Waters, Our Northern, Bell, vi. 301 †
- Waters, Underground, Present and Past, Daubrée, x. 544 †
- Watersheds, as means of fixing boundaries, xiii. 600; the great, of the globe, Von Tillo on, ix. 310
- Wathaka, country and people, xiv. 524
- Watling island, the Guanahani of Columbus, vi. 587, xiv. 593
- Watson, Major C. M., Comparative Vocabularies of the Languages spoken at Suakin, x. 480 †; position of Gondokoro, xi. 643, 644; the Campaign of Gordon's steamers, xi. 751 †
- Watson, R., surveying expedition across Queensland, iii. 666; map of Queensland, showing proposed railway to S. Australia, iv. 123
- Watson, R. S., a Visit to Wazan, the Sacred City of Morocco, ii. 782 †
- Watson, Th., on the proposed African overland telegraph, i. 271

- Watt, Dr. G., on geographical education, viii. 724; Catalogue of Indian Exhibits at Colonial Exhibition, viii. 798†; on Woodthorpe's expedition to the Irawadi, ix. 39; on Manipur, xiii. 292
- Watts, Mr., visit to Askja volcano, iii. 478
- Watwa dwarf tribe, Africa, vi. 590. *See* Batua.
- Waugh, Gen. Sir A., survey work in India, vii. 632; on the name of Mount Everest, viii. 88, 177, 184
- Wa-Ukára, E. Africa, iv. 745
- Wa-ungu tribe, E. Africa, xii. 226
- Wauters, A. J., Les Belges au Congo, vii. 407†; Le Congo au point de vue économique, viii. 61†; Stanley's Emin Pasha Expedition, xii. 182†
- Wauthier, Lieut., death of, i. 273
- Wa-Wemba tribe, Central Africa, xii. 734
- Wax-insect of Western China, v. 673, 674
- Wa-Yao. *See* Yao.
- Wazarambo tribe, E. Africa, iii. 309
- Waziri tribe, i. 51
- Wuziristan, i. 50; notes on the Shaktí valley of, Young, iv. 557*; surveys in, iv. 343
- Wears, W. G., the Prospects of Gold-mining in Venezuela, x. 398, 605
- Weather Changes, Popular Exposition of the Nature of, Abercromby, ix. 719†
- Weather Charts, Principles of Forecasting by means of, Abercromby, viii. 280†
- Weather-forecasting for the British Islands, by Barometer, Toynbee, xiii. 567†
- Webbe, or Wobbi river, Africa, v. 717
- Webbe Shebeyli river, v. 717, vi. 260, 261, vii. 632, 633; Journey through the Somali Country to, James, vii. 625*
- Webber, Port, New Britain, iii. 93
- Weber, M. M. von, Die Wasserstrassen Nord-Europas's, iii. 574†
- Weber, Prof. Albrecht, India and the West in Old Days, x. 110†
- Wedderburne, trading-post of the Hudson's Bay Company, v. 652
- Wedza, or Wedsa Mount, S. Africa, vi. 285, x. 295, xii. 149, 351, 649, xiv. 299, 300
- Wegener, G., Versuch einer Orographie des Kwen-lun, xiii. 692†
- Wehl, Père, journey to Umzila's country, iii. 422
- Wei river, Central Asia, xii. 65, 75
- Weidner, F. G., Der Staat Sinaloa in Mexiko (map), vi. 110
- Weigand, Dr. G., Von Berat über Muskoplje nach Gjordscha, xiv. 658†
- Weise, A. J., the Discoveries of America to the year 1525, vii. 260†
- Weiss, K., Meine Reise nach dem Kilima-Ndjarogebiet, ix. 715†
- Weissbuch, on German Colonial interests†, xi. 191, xii. 251
- Weissen-See, Carinthia, study of, Grissinger, xiv. 798; map of, *id.*, xiv. 580
- Welche and Mahon, M. M., Atlas Cantonal de Lot-et-Garonne, i. 747
- Weld, Rev. A., obituary of, xiii. 400
- Welle island, off New Guinea, v. 509
- Welle or Makua river (*see also* Mobangi and Kuta), iv. 686, vi. 248, 376, 589, ix. 47, 204, 291, 292, 298, 419, 420; theory of identity with the Shari, ii. 290; journey on, Junker's, iv. 228, v. 33, 34, 381, ix. 289, 290; tribes south of, *id.*, x. 390; identity of, with the Mobangi, x. 234, 412
- Weller, E., map of central Asia showing Prejevalsky's journey in 1877, i. 156; war map of Zululand, i. 351
- Weller, F. S., popular atlas by, Cassell & Co., xiii. 247
- Wells, J. W., Planta Geral das Estradas do Ferro das Provincias do Rio de Janeiro, etc., ii. 206; the Physical Geography of Brazil, viii. 353*, xii. 671; Visit to the Delta of the Tocantins, viii. 513*; Three Thousand Miles through Brazil, viii. 800†; on the exploration of the Rio Dóce, x. 81; on lands still available for European settlement, xiii. 34
- Wells, Major, journeys in S. W. Persia, v. 128, 129, xii. 512, 553; survey of the obstruction in the river Karun at Ahwaz, v. 127; Surveying Tours in Southern Persia, v. 138*
- Wembare or Muaru river, ix. 45
- Wên-chow port, report on trade of, i. 392
- Wende, Sierra Leone, xiv. 440
- Wemng, L., Karte der Alpen, ix. 395
- Wensierski, P. and J. von, Karte von Central-Ostafrika, viii. 607
- Wergha river, Morocco, xiii. 167
- Weriweri river, E. Africa, xii. 176, 343
- Werner, J. R., the Congo, and the Ngala and Aruwimi Tributaries, xi. 342*; Visit to Stanley's Rearguard, etc., xi. 460†; obituary of, xiii. 616
- Werner, O., Katholischer Missions-Atlas, viii. 136
- Werner, W., Das Kaiserreich Ostindien nach den Reisen der Brüder Schlagintweit, vi. 608†
- Wernich, A., Geographisch-medicinische Studien nach der Erlebnissen einer Reise um die Erde, i. 152†
- Werre, or Opi river, ix. 292
- Werthemann, Herr, explorations in the Amazonas basin, i. 535
- Weser river, map of, from Bremen to Bremerhaven, *Pet. Mitt.*, ii. 591
- West, J., an archæological map of Sussex, vii. 697
- West, R. H., Barometrical Determination of Heights in Lebanon, xiv. 571†
- Westenberg, M., journey in the country of the Battaks, Sumatra, xiii. 561
- Western, Lieut.-Colonel, report on the Rajan basin, ix. 610
- Western Hills, Our, and How to Reach them, by a Glasgow Pedestrian, xiv. 866†
- Westgarth, W., Half a Century of Australasian Progress, xi. 396†

West Indies—

- Explorations in, Ober, i. 722
- Forests of the, Hooper, x. 742 †
- Handbook and Catalogue of, viii. 603 †
- Jottings on the, etc., Radford, ix. 461 †
- Photographs of, Isaacson, xiii. 644
- Surveys, Admiralty, in, iv. 552, v. 594
- The English in the, Froude, x. 108 †
- Thames to the, Edward, x. 110 †
- White, R. B., ii. 709 †; Eves, xi. 396 †
- West Indian Problems, Connection of the Trade Winds and the Gulf Stream with some, Haliburton, viii. 732 †
- Westphalia, maps of, Algermissen (school wall), vi. 174; Kiepert, viii. 64
- Wettstein, H., Die Strömungen des Festen, Flüssigen, und Gasförmigen, etc., ii. 202 †
- Weyprecht, Lieut., Die Metamorphosen des Polareises †, i. 153, 539; on scientific research in the Polar Regions, i. 739; Arctic voyage of, ii. 14, 15
- Whaling expeditions to the Antarctic Seas, xiv. 244, 415, 473, 637, 862
- Whangahu river, New Zealand, source of, vii. 216–218
- Whanganui river, source of, vii. 221
- Wharton, Capt., journey with Dr. Kirk, in Usambara, i. 92; surveys north of Madagascar, i. 370; of South American coasts, v. 594; report on Admiralty surveys, vii. 427; Account of Christmas Island, Indian Ocean, x. 613*; remarks at evening meetings, vii. 451, 643, ix. 84, xi. 169, 510, xii. 144
- Wharton summit, Owen Stanley range, xii. 559
- Wheeler, Capt., survey work in Oregon in 1878, i. 394; *id.*, Goad on, i. 694; topographical map of Lake Tahoe region, iv. 445; Report on the Venice Congress and on National Surveys, viii. 803 †
- Wheeler, J. T., A short History of India, etc., ii. 269 †
- Wheeler, Stephen, on the geography of the Pamir, xiv. 51
- Whem river, W. Africa, xii. 597; Foa's voyage up the, xi. 98
- Whemian tribe, W. Africa, xii. 602
- White, A. S., x. 731; the Development of Africa †, xiii. 55, xiv. 503; the Comparative Value of African Lands, xiii. 630; Britannic Confederation, xiv. 344 †
- White, C., expedition N. E. of Kanchinjunga, xiv. 613
- White, C. A., Mountain Upthrusts, x. 609 †; on the geology and physiography of North-West Colorado, etc., xiii. 307; on the prairie fires of N. America, xiv. 83, 86, 91
- White, Lieut.-Col. T. P., the Ordnance Survey of the United Kingdom, ix. 205 †
- White, Lieutenant, surveys of Coasts of West Indies, v. 594

- White, R. B., Notes on the Central Provinces of Colombia, v. 249 *
- White Head mountain, or Poik-tu-San, Korea, xiv. 141
- White island, Arctic Ocean, vi. 40
- White Mountains, Bear-Hunting in the, etc., Seton-Karr, xiv. 64 †
- White river country, Alaska, xiii. 84
- White river, Oregon, i. 609
- White Sea Peninsula, the, by Ed. Rae, iv. 116 †
- Whiteaves, J. F., Geological and Natural History Survey of Canada, vol. i., viii. 406 †
- Whitehouse, Cope, the Latest Researches in the (Raian) Moeris basin, vi. 601*; projected restoration of the same, vii. 756; surveys in the same, viii. 455, 730; account of the same, ix. 608*, x. 733; map of the same, x. 811; work on the same, xii. 247 †; Ptolemaic maps and Lake Moeris, xii. 684; remarks on the teaching of geography at the Universities, ix. 700
- Whitely, H., explorations in the interior of British Guiana, iv. 612*; in the neighbourhood of Mounts Roraima and Kukenam, vi. 452*, vii. 514, 529; grants of instruments to, v. 415; ascent of Mount Twelk-kway, viii. 453
- Whitford, John, the Canary Islands as a Winter Resort, xiii. 181 †
- Whitmee, Rev. S. J., ethnographical map of the Pacific Islands, i. 614
- Whitney, Prof. J. D., the Climatic Changes of Later Geographical Times, etc., v. 114 †; Names and Places, x. 181 †; the United States, xi. 317 †; a Concise Dictionary of the Principal Roads, etc., of Japan, xi. 393 †; on the treelessness of the American prairies, xiv. 81; some Physical Properties of Soils, etc., xiv. 277 †
- Whymper, Ed., the Ascent of the Matterhorn, i. 809 †; of Chimborazo, ii. 252, 287, (second) 570; of Antisana, ii. 510; of peaks in Ecuador, ii. 369, 585; Journey among the Great Andes of the Equator, iii. 449*; in Greenland, vi. 155; How to Use the Aneroid, xiv. 134 †; Travels Amongst the Great Andes of the Equator, xiv. 263 †; route map to illustrate the same, xiv. 350; remarks on receiving medal, xiv. 487; at the anniversary dinner, xiv. 496
- Whymper glacier, New Zealand, vi. 62
- Whyte, Mr., exploration of the Milanji mountains, xiv. 472
- Wiche's land, Arctic Sea, iii. 138
- Wichmann, Prof. A., explorations in the Dutch East Indies, xi. 505; visit to Rotti Island, xiv. 469; Karte der Insel Rotti, xiv. 581
- Wichmann, H., on Capt. Binger's explorations in the Niger basin, xii. 167; report on geographical societies, xiv. 235

- Wichmann, E. H., map of Great Britain and Ireland, ii. 784, v. 435
- Widdicombe, John, Fourteen Years in Basutoland, xiii. 694†
- Wide river, North-West Canada, v. 635
- Widerville, map of environs of, vii. 751
- Widney, J. P., and Walter Lindley, California of the South, x. 397†
- Wiedemann, Dr., on the Trans-Caspian railway, x. 174
- Wienes, Ch., on the position of Guayaquil, iii. 585; explorations in Ecuador and North Peru, ii. 776, iii. 184, 487, 738; Pérou et Bolivie, ii. 142†
- Wieng Chan town, story of, x. 124
- Wiesbaden, topographical map of, v. 309
- Wiese, C., Expedição Portuguesa a Mpesene, xiv. 808†
- Wieser, Dr. F., Magalhães-Strasse und Austral Continent auf den Globen des Johannes Schöner, iii. 576†
- Wiggins, Capt., voyages from Europe to Siberia, ix. 683, xi. 694
- Wi-ju, town of, viii. 300, 301; route from, to Ham-heung, viii. 304
- Wilcox, Capt., journey to the Upper Iravadi, iv. 259, 266, ix. 20; position of Sama, vii. 317
- Wild, A. E., on the condition and management of forests in Cyprus, i. 725
- Wild, G., Von Kairo nach Massaua, i. 345†
- Wild, Dr. H., Annals of the (Russian) Physical Observatory, viii. 274†; meteorological record, published by the Imperial Academy of Sciences, viii. 409†; Die Regenverhältnisse des Russischen Reiches, x. 252†; *id.* (map), x. 257
- Wild, J. J., Experiences Afloat and Ashore during the Voyage of H.M.S. *Challenger*, i. 152†
- Wild Beasts and their Ways, Baker, xii. 771†
- Wilde, Dr. Eduardo, Senado Argentino, ix. 717†
- Wilde, Henry, on the Causes of the Phenomena of Terrestrial Magnetism, etc., xiii. 742†
- Wilkes, Ch., Narrative of the United States Exploring Expedition, viii. 283†
- Wilkins, Prof., on the Teaching of Geography at the Universities, ix. 700
- Wilkins, W., Australasia. Descriptive and Pictorial Account, x. 254†
- Wilkinson, J. G., the African and the True Christian Religion his Magna Charta, xiv. 347†
- Wilkinson, Spencer, on some defects of the Ordnance Maps, ix. 702; on the utilization of the Ordnance Survey, ix. 704
- Willkitzky, Lieut., pendulum observations in Russia, xiii. 168
- Willoumeiz island, off New Guinea, volcano of, v. 511
- Willem Barents, the, Arctic voyages of, i. 28, 330, 669, 705, ii. 1, 32, 33, iii. 484, iv. 35*, 689, v. 213, 223, 348, 379, 556, 660; (fourth) report on, iv. 517†; captivities of, 1878-83, v. 348
- Willems, M., journey in interior of Northern Tierra del Fuego, xiii. 365
- Williams, Capt., on the island of Espiritu Santo, xiv. 710
- Williams, Dr. U., obituary of, i. 525
- Williams, Gen. Sir W. Fenwick, obituary of, vi. 381
- Williams, J. F., the Queen's Jubilee Atlas of the British Empire, ix. 67
- Williams, Josiah, Life in the Soudan, vi. 636†
- Williams, R. C., *on the country*, v. 484; journey in *the country*, Africa, vi. 154
- Williams, W., Climbing Mount St. Elias, xi. 317†
- William's river, Athabasca, v. 645
- Williamson, Hon. J. A., map of the United States and Territories, i. 157
- Williamson, T., Old Highways in China, vii. 405†
- Willoughby, Sir Hugh, Arctic expedition of, ii. 3
- Willoughby, Sir J. C., East Africa and its Big Game, xii. 121†
- Wills, C. J., Persia as it is, ix. 131†
- Wills, J. T., Dr. Junker and the (Wille) Makua, ix. 285*
- Willmot, A., Geography of S. Africa for the use of Higher Classes in Schools, vi. 102†
- Wilson, A. D., map showing the primary triangulation of 1877-78, i. 352
- Wilson, Dr. A., chart of the world, showing 300 geographical regions, i. 159
- Wilson, Hon. J. B., Report on Lord Howe Island, iv. 774†
- Wilson, J. H., China: Travels and Investigations in the Middle Kingdom, ix. 779†
- Wilson, J. S., Geological Mechanism, xii. 366†
- Wilson, Rev. C. T., journey to Uganda, i. 2, 390; on temperature in Uganda and the rise of the Victoria Nyanza, i. 135; Uganda and the Victoria Lake, ii. 933; on King Mutesa's envoys, ii. 283; journey from Kaggi to Tabara and back, ii. 316; (and Felkin, R. W.), Uganda and the Egyptian Soudan, iv. 183†
- Wilson, Col. Sir C. W., journeys in Asia Minor, vi. 368; Notes on the Physical and Historical Geography of Asia Minor, vi. 305*; on the identification of the Pinarus with the River Piyas, vi. 540; from Korti to Khartum, etc., viii. 129†; on the utilization of the Ordnance survey, ix. 704, 786; address as president of the geographical section of the British Association, Bath, 1888, x. 645, *et seq.*

- Wilson, Col. Sir C. W.—*continued*—
on the state of the Ordnance maps, xii. 682; remarks at evening meetings, ix. 703, x. 731
- Wilson, John, Indian caste, ix. 62 †
- Winchell, Prof., on the treelessness of the American prairies, xiv. 81; on the geographical development of coast lines, xiv. 640
- Winchester, C. A., on McCarthy's journey across China to Bhamo, i. 508; obituary of, vi. 381
- Winckler, W., on Hallett's railway survey in Siam, etc., viii. 19
- Wind-action in Egypt, Petrie, xi. 646 *
- Wind and current charts, atlas of, for Pacific, Atlantic, and Indian Oceans, Evans, i. 414
- Wind, force of the, over open sea, xiii. 143; influence of, in valley formations, Rucktäschel on, xi. 609, 610
- Wind-currents, Statistics of our, Supan, iii. 192 †
- Wind-driven sand, surface action of, Stone on, viii. 192
- Wind lake, Athabasca, v. 646
- Winds of the globe, the permanent, Thomson on, xiv. 555
- Winds, the, Jordan, vii. 410 †
- Windt, H. de, From Pekin to Calais by Land, xi. 315 †
- Wingate, Major F., Mahdism and the Egyptian Sudan, xiii. 740 †
- Winnecke, C., explorations in Central Australia, vi. 566, 594; plan showing the same, vi. 614
- Winnipeg, depth of frozen soil at, Bell on, viii. 745; railway from Hudson's Bay to, x. 564, 566
- Winslow, A., on the prairie fires of N. America, xiv. 95
- Winsor, J., Narrative and Critical History of America, viii. 747, ix. 207, 588, x. 253, 741, xii. 121; Christopher Columbus, etc., xiv. 135 †
- Winstanley, W., A Visit to Abyssinia, iii. 504 †
- Winterberg, A., Malta, i. 284 †
- Winton, Sir F. de, the Congo Free State, viii. 609*; the Commercial Future of Central Africa, x. 722*; Address at the Brit. Association, xi. 613*; remarks at evening meetings, ix. 302, 418, x. 530, 537, 732, xi. 16, 80, 311, 342, 378; receives medal for Lieut. Wissmann, x. 467
- Wipper, J., wall map of European Russia, iii. 251
- Wisely, Capt., on Cyprus, xi. 719
- Wislicenus, Dr. W. E., Handbuch der Geographischen Ortsbestimmungen auf Reisen, etc., xiii. 308 †
- Wisotaki, E., Hauptfluss und Nebenfluss, xi. 637 †; Die Strömungen in den Meeresstrassen, xiv. 877 †
- Wissmann, Lieut., expedition in West Africa with Dr. Pogge, and across the continent, iit. 311, iv. 572, 753, v. 380, 381, vi. 88, 590; Route der Pogge-Wissmann'schen expedition von Malanshe bis zum Tanganika (map), vi. 548; projected expedition to the basin of the Congo, v. 659; descent of the Kassai, vii. 671, 738, viii. 431, 611, ix. 640; further explorations in Central Africa, ix. 390, 776; award and presentation of patron's medal to, x. 300, 537; on the Influence of Arab Traders in West Central Africa, x. 525*; Das Gebiet der Baschilangestämme (map), xi. 62; Karte der Gebiete zwischen Luluaberg und Nyangwe, xiii. 246; Meine Zweite Durchquerung Aequatorial Afrikas, xiii. 508 †; English translation of the same, Bargman, xiv. 63 †
- Witkovsky, B., Détermination des principaux points du Golfe de Bothnia, xiv. 367 †
- Wito-land, ix. 493
- Witti, Franz, explorations in North Borneo, iv. 117, v. 384, x. 136, 137; death of, iv. 691
- Witwatersrand Gold Fields, Maps of:—xiv. 202; Jeape, x. 675; Troye, xi. 638, xii. 253; Wyld, xi. 401; (geological), Maidment, xiii. 573; Section of, Williams, xii. 645; Work on, Cowen, x. 396 †
- Wi-wön river, viii. 302
- Wo, village of, W. Africa, vii. 380
- Wocho, mt. See Woso.
- Wodehouse, P. E., obituary of, x. 424
- Woelkoff, Dr. A., on the reversion of the Oxus to the Caspian, i. 475; on the effect of forests upon climate, vii. 240; Der Einfluss einer Schneedecke auf Boden, Klima, und Wetter, viii. 130, xi. 464; Die Klimate der Erde, ix. 135, 388; meteorological observations of agriculture, i. 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000
- Wohlgemuth, Capitän von, expedition to Jan Mayen, iv. 292, v. 545; Die Oesterreichische Polarstation Jan Mayen †, viii. 537, 673, 750, ix. 263
- Wohltmann, Dr. F., Die natürlichen Faktoren der Tropischen Agrikultur, etc., xiv. 877 †
- Woldermann, G., Schul-Wandkarte von Deutschland, viii. 680
- Woldt, A., Capt. Jacobsen's Reise an der Nordwestküste Amerikas, 1881-83, vi. 610 †
- Wolf, Dr. J., Ein Besuch der Galápagos-Inseln, ii. 142, 325; Plano de Guayaquil (Ecuador), ix. 464; on the Geographical Conditions of the High Andes of Ecuador, xiv. 126 *
- Wolf, Julius, and Joseph Luksch, Physikalische Untersuchungen in der Adria, x. 106 †

- Wolf, Dr. L., Explorations in the South Congo Basin, viii. 628, ix. 129, 640*; Volkstämme Central Afrika's, ix. 588†; Die Erforschung des Sankuru, x. 603†; explorations in Upper Guinea, x. 799, xi. 561, xiii. 45; confirmation of the observations of Dr. Duncan, xiii. 45; death of, xii. 98
- Wolff, Dr. W., Explorations in the Congo district, viii. 634; Von Banana zum Kiamwo, xi. 254†
- Wolff, H. W., Rambles in the Black Forest, xii. 569†; the country of the Vosges, xiii. 737†
- Wolff, Sir H. Drummond, on the extent of cultivable land in Egypt, ix. 609
- Wolkenhauer, Dr. W., biographical sketch of Emin Pasha, ix. 251
- Wollaston, A. N., and Sir R. Lethbridge, a gazetteer of the territories under the Viceroy of India, edited by, viii. 535†
- Wollaston lake, North America, v. 644, 645
- Wonderland: or Alaska and the Inland Passage, Schwatka, xi. 50†
- Wontofa (Falm.), remarks of, vi. 176
- Wood Cape, Linn. H. and G. hut at, v. 662
- Wood, Capt., Arctic voyage of, ii. 7
- Wood, C. W., Letters from Majorca, x. 803†
- Wood, F. H., pictorial map of Palestine, ix. 268
- Wood, Lieut., journey in the Hindu Kush, i. 115, 117
- Wood, Major Herbert, obituary of, ii. 132
- Wood, W. Martin, remarks on Doughty's travels in Arabia, vi. 395
- Woodford, C. M., on the elevation of the Gilbert islands, vi. 665; Exploration of the Solomon Islands, x. 351*; *id.*, (third expedition), x. 302, xii. 393*; photographs of the same, x. 404; A Naturalist Among the Head Hunters, etc., xii. 251†; award of Gill Memorial to, xii. 288
- Woodroffe, Mount, Central Australia, iv. 550, xiv. 181
- Woods, J. E. T., A History of the Discovery and Exploration of Australia, vii. 771†
- Woodthorpe, Col., explorations in the north of Assam, i. 126; surveys on the Afghanistan expedition, etc., i. 64, 256; Journey to the Upper Irawadi, vii. 541, 751, viii. 426, ix. 19*; work on the N. W. frontier, ix. 37, 38; surveys in Upper Burma, ix. 308; on the source of the Dibong, x. 581; Explorations on the Chindwin River, Upper Burma, xi. 197*; on Dauvergne's exploration of the Karambar Sar lake, xii. 96; the Lushai Country, xii. 301†; remarks at evening meetings, iii. 78, x. 516
- Woodward, H. B., the Geology of England and Wales, ix. 316†
- Woodward, H. P., General Report on Western Australia for 1888-89, xii. 641†; on the geology of Central Australia, xiii. 348; Report on the Gold Fields of the Kimberley District, xiv. 575†
- Woodward, R. S., Formulas and Tables to Facilitate the Construction and Use of Maps, xi. 366†; Latitudes and Longitudes of Certain Points in Missouri, etc., xii. 362†; on the Form and Position of the Sea Level, xii. 366†
- Woolley, Mr. H., ascents in the Caucasus, xii. 285, 381
- Woolley, W. A., visit to the island of Tsushima and Korea, ii. 313
- Worcester, nautical training college, iv. 310, 330, xiv. 408
- World, The—
Ancient. See below, maps.
Around the, on a Bicycle, Stevens, xi. 124†; *id.*, with General Grant, Young, ii. 395
Atlases of. See Atlases.
Coasts of, unsurveyed, Temple, i. 783
Colonies, European, map of, Berghaus, vii. 411
Countries of the, Brown, ii. 143†
Cultivable area of, map of, xiii. 28
Die Erde in Karten und Bildern, xi. 519†
Gazetteer, Pocket, of, Bartholomew, x. 607†
Journey Round, Gray, i. 346†; *id.*, Hübner, ii. 713†
Lady's Travels Round, Journal of, Bridges, v. 183†
Maps and charts of the:—*Ancient*, Artaria and Co. (for historical students), xi. 125; Kiepert, vii. 271†. *Modern*—xiv. 268; Bartholomew (library), iii. 381; Berghaus, ii. 272, 591, v. 51 (wall), vii. 129; Brückmann, v. 683; Bromme and Baur, vii. 772; Laroquette and Mayer, v. 115; Levasseur, ii. 80, vii. 349; Stanford (library), i. 153, 744; Wilson, i. 159. *In hemispheres*—Gaebler, x. 55; Handtke, xii. 642; Rolfe, iv. 249. *Commercial*—Bartholomew, xiii. 309; K. Johnson, ix. 786. *Ellipto-Polar*—Hector, iii. 381
Maps of (old):—Mercator's, 1538, reproduction of, vii. 621; Ottino's, at Turin, *id.*, xiv. 811; A.D. 1600, to illustrate Davis' voyages, ii. 395
Map of, proposed international, Ravenstein on, xiv. 716
My Journey Round, Deisenhammer, iv. 578†; *id.*, Jones-Parry, iii. 63†
Notes of My Journey Round, Cecil, xi. 396†
Population of, present, xiii. 27; rate of increase of, xiii. 32
Projection of, Col. Hamilton's, xi. 520
Round the, Kuntze, iii. 696†; Zöller, iii. 507†; (in 124 days), Leyland, ii.

World, The—continued—

- 462 †; (in six months), Bridges, i. 814 †
Souvenirs of our Journey Round, Krapfl, vii. 558 †
Telegraph map of the, Bedwell, v. 373
Temperature of, map of zones of, Supan, i. 744; Linien gleicher Warmeanomalie des Jahres (map), p. 55
Time, comparative, of, chart showing, Kimber, i. 744
Um die Welt ohne zu Wollen, Archduke Ludwig of Austria, iii. 697 †
Voyage Round, de Beauvoir, i. 345 †; *id.*, in 500 days, Dodman, ii. 73 †
Year's Isotherms, map of, *id.*, vii. 411
World series of class lesson maps and diagrams, Riddiman Johnston, viii. 416, 544
World-wide atlas of modern geography, Johnston, xiv. 68
Woso or Wocho, Mount, Abyssinia, d'Abbadie on, x. 389
Wouvermans, Col. H., Libéria, Histoire de la Fondation d'un état nègre libre, viii. 61 †
Wrangell, Mount, Alaska, ix. 278, 282, x. 396, xiii. 85, 86
Wrangell land, ix. 29, 30; the relation of Plover Island to, Davidson on, iii. 761; visits of the *Thomas Corwin* and *Rodgers* to, iii. 731, 733; map illustrating the same, Hassenstein, ix. 186
Wrasa, town of, viii. 248
Wray, J. A., visit to lake Chala, Mount Kilimanjaro, ix. 47
Wright, G. F., observations of the Muir glacier of Alaska, ix. 118, 283; the Ice Age in North America, etc., xii. 302 †
Wright, Major-Gen. H. G., Annual Report of the Chief of Engineers, 1879, iii. 191 †
Wright, Rev. Dr., on explorations in South-Eastern New Guinea, ix. 84
Wrangchenko's and Hamilton's latitudes in Lycha-Pamphylin, x. 162, 163
Wu river, China, i. 497
Wu-chow, Southern China, xiii. 256
Wuhrer, L., L'Italia (map), vi. 237
Wu-ming-hsien, city of, China, v. 442
Wuri people, Cameroons, ix. 588, 589
Württemberg, map of, Moosmair, ii. 714; Rachel, x. 545
Wurupong village, viii. 253
Wybrants. See Philipson-Wybrants.
Wyld, J., maps by—Africa, South, i. 749; *id.*, eastern part of, i. 724 †; Asia, Central, and A. S. E., i. 724 †; Cabul, Jelalabad, etc., neighbourhood of, ii. 383; Fiji Group, part of, vi. 111; Nile, Egypt, and Sudan, vii. 61; Tunis, iii. 768; United Kingdom (parliamentary), ii. 396; Zululand, military sketch of, i. 206, 287, 351; *id.*, sketch of the attack on the camp of Isandlwala, i. 351
Wyld, A. B., the Red Sea trade, ix. 691
Wyldo, W. H., on O'Neill's Journey to Lakes Shirwa and Anamamba, vi. 654

- Wylie, Mr., on Morrison's journeys in China, ii. 163
Wynaad, South-East, My Visit to the Gold Fields in the, Jennings, iv. 118 †
Wyndham, Australia, ix. 696
Wymie, Mount, N. W. Australia, v. 723
Wyoming, Resources of, for 1889, xi. 462 †;
Two-Ocean pass in, Dr. Hayden's report on, i. 721
Wyse, Lient., Rapports de la Commission Internationale d'Exploration de l'Isthme Américain, i. 407 †; explorations for the Panama Canal, i. 475, 737; on the progress of the same, ii. 267; Le Canal de Panama, viii. 211 †; Carte générale de l'Isthme Columbien, viii. 285; Rapport Général sur l'Isthme de Panama, xiv. 874 †

X

- Xingu river, Brazil, viii. 354; expedition to, Von den Steinen, viii. 517, ix. 193, 208†, x. 309; map of the, viii. 413; tribes of the, viii. 521; *id.*, primitive, Von den Steinen on, x. 593

Y

- Yailik gorge, Central Asia, xii. 165
Yabus. *See* Jabos, *also* Yal.
Yadriutzeff, M. N., journey in Eastern Siberia, ii. 767; on the desiccation of Central Asian lakes, viii. 645, ix. 51; visit to the site of Karakorum, etc., xii. 424, xiii. 884
Yag's astronomical diagrams for schools, xiv. 199
Yaghanes, tribe of, Tierra del Fuego, vi. 349
Yagnob, or Yagnau-ab river, viii. 35
Yahohitch, M. V., on population of Servin, viii. 532
Yahtsé-tah river, Alaska, xi. 427, 432
Yak Walang river, ix. 103
Yakatat bay, Alaska, xi. 425, 426; Indians, ix. 279
Yaki Deshik hill, Afghanistan, vii. 583
Yakima region, Northern Taus-continental survey, map of, v. 630
Yakla pass, tars near the. iii. 331, 332
Yakoma tribe, Mobangi river, xi. 340
Yakutsk, extension of telegraphic communication to, iv. 169; severity of cold at, v. 406; Woelkoff on depth of frozen soil at, viii. 742
Yal and Yabus rivers, White Nile, iv. 230; map of sources of, etc., v. 184
Yalú, Persia, v. 63
Yálú river, ix. 540, xv. 151
Yalung (Nagchu) river, China and Tibet, v. 665, vii. 74, viii. 374
Yamatari or Jam, Central Asia, xii. 86
Yambumba, Aruwimi river, xi. 347, 348
Yambuya, Aruwimi river, xi. 347, 348; Stanley's Journey from, to the Albert Nyanza, xi. 261*

- Yamdena, Timor Laut, vi. 120, 121
Yaindok-Cho or Palti lake, viii. 428, xi. 569
Yangi-lalad, Central Asia, xii. 85
Yang-i-lissar, Central Asia, xii. 84
Yang-tse-kiang, iv. 616, v. 441, 665, vii. 70, 170, viii. 383, ix. 120, 253, xiii. 329
Estuary of, Admiralty surveys of the, ii. 419, 436
Gorges of, photographs of the, Little, xii. 443; Through the, *id.*, x. 252
Journey to, from the Irawadi, Soltau, iii. 493
Route to Yunnan *via*, iv. 725
Yankabana, Sierra Leone, xiv. 438
Yantic, United States exploring steamer, v. 602, 733
Yao country, the Rev. W. P. Johnson's journeys in the, etc., iv. 480
Yao tribes and dialects, E. Africa, ii. 341, 343, 350, iv. 77, viii. 495, ix. 115, 469, xii. 721
Yap Island, Western Carolines, viii. 558
Yarintsof. *See* Jarintsof.
Yarkand, trade roads from, to Kashmir, xii. 89; to Nia, xii. 161, *et seq.*
Yarkand river, x. 505, xii. 33, 35, xiv. 219, 789
Yarkhun river, Central Asia, xii. 96
Yar-kiu-sanpo river. *See* Sanpo.
Yarmouth, navigation school at, iv. 308
Yar-olan, salt-beds of, vi. 578 *et seq.*
Yaro-tsanpo river. *See* Sanpo.
Yushil-kul lake, Pamir, vi. 140, ix. 229
Yushohara-Ishwaripur, ruins in the Sundarban, xiii. 284
Yassin, Hindu Kush, v. 553, xiv. 26; Biddulph's tour in, i. 794
Yasulgum, Tibet, vii. 813
Yate, Capt. A. C., visit to Salt lakes of Yar-olan, vii. 573; England and Russia Face to Face in Asia, ix. 206; the Tashkent Exhibition, 1890, xiii. 21*; Notes on a Journey to Tashkent and back, xiv. 132
Yate, Major C. E., Northern Afghanistan, or Letters from the Afghan Commission, x. 474
Yates, Dr. G., on the wind action in the Channel Islands of California, xiv. 326
Yau tribe. *See* Yao.
Yavorsky. *See* Javorsky.
Yateche town, British Honduras, ix. 423
Yates, John, Technical, Industrial, and Trade Education, ix. 721; commercial instruction, xiii. 189; the Golden Gates of Trade, etc., xiii. 189
Yo-ei-gnet-thaik or Bird's Nest islands, account of, Carpenter, x. 303
Yegrai tribe, Tibet, ix. 226
Yegrai Guank valley, Afghanistan, vii. 562
Yela Island, New Guinea, xiv. 863
Yellala, rapids of, W. Africa, v. 697, 698
Yellow Head pass, North America, v. 635
Yellow Kuives river and tribe, N. America, v. 646, 651
Yellow river. *See* Huang-ho.
Yellow sea, from the Arctic Ocean to the, Price, xiv. 426
Yellowstone National Park, U.S.A., survey of the, i. 212; Report of the Superintendent of the, x. 51
Yembi, Tibet, vii. 71
Yemen, Arabia, vi. 390; A Journey through, Haig, ix. 479*; map of (Istituto Cartografico Italiano), vii. 699; *id.*, Manzoni, vii. 699; visit to, Harris, xiv. 717; work on, Manzoni, vii. 485
Yencsei district, minerals of the, xi. 695
Yencsei gulf, voyage of the *Oscar* *Dickson* to the, in 1880, Sibiriakoff on, iii. 231
Yencsei river, Dutch meteorological station at the mouth of, iv. 233; efforts to establish trade with, iii. 387 (*see also* Siberia); length of, ix. 120, 253
Yenya mount, Mashonaland, xiv. 301
Yen-yuan-Hsien, viii. 375, 376
Yerim town, ix. 488
Yeshil-Kul, Himalayas, v. 614
Yesso, Japanese colonization in, i. 275; railway construction in, iv. 167
Yeu, Island of, Guy, iv. 865
Ye Yaman district, xiii. 402, 403
Yezd town, Persia, xii. 584, 585
Yi river, *id.*, vii. 671, 675
Ynambar, *id.*, *id.*, *id.*, river, Bolivian, v. 315, 322
Ynirida river, M. Montolieu's explorations of the, iii. 105
Yola, Binué river, ii. 295, xiii. 462, 463
Yon-ohhön district, fields of lava in the, vii. 305
Yong-heung district, gold mines in, viii. 308
Yong-jong, island off Corea, v. 277
York, Cape, Greenland, v. 364, 602
York Factory, depth of permanently frozen soil at, ix. 769, 770; *id.*, Richardson on, viii. 743
York Gate Geographical and Colonial Library, Catalogue of, v. 50, ix. 134
Yorkshire, Its Scenes, Lore, and Legends, Tait, xi. 187; maps of—(contour), King, xiv. 65; (zoological), Bird, iii. 765; (physical and political), King, x. 184
Yorkton, depth of frozen soil at, Riaman on, viii. 744
Yoruba Country, iii. 35, 36, vi. 451—Commercial Geography of, Moloney, xi. 626
Geological formation of, xii. 611, 612
Millson on, xiii. 577
Notes on, Moloney, xii. 596
Photographs of places in, Holmes, xiii. 700
Route survey through (map of), Speeding, ix. 529
Yosnito falls, height of, v. 310
Yoshinaga valley, Japan, ix. 99
Yozner, C. P. G. F., Notes on the Shakti Valley, Waziristan, iv. 537
Young, E. D., mission to Lake Nyasa, iv. 226

Young, G. R., map of the surveyed portion of the Kimberley district, viii. 677
 Young, James, obituary of, v. 354
 Young, J. R., *Around the World with General Grant*, ii. 395 †
 Young, R., the Success of Christian Missions, xii. 366 †; the Martyr Islands of the New Hebrides, xiv. 344 †; Trophies from African Heathenism, xiv. 873 †
 Young, Sir Allen, on the probable position of Mr. Leigh Smith, iv. 54; search expedition for the same, and his rescue, iv. 375, 420, 498, 545; remarks at evening meetings, i. 36, v. 221, xi. 484
 Young, Sir F., *A Winter Tour in S. Africa*, xii. 247 †
 Younghusband, Capt. F. E., journey in Manchuria, viii. 779; journey across Central Asia from Manchuria, x. 485; explorations in Central Asia, xii. 37, 379, 380; award of medal to, xii. 288; on Campbell's journey in North Korea, xiv. 137; Journeys in the Pamirs and Adjacent Countries, xiv. 205 *
 Younghusband, General, receives medal for Capt. Younghusband, xii. 476
 Yriarte, C., *Les Bords de l'Adriatique et le Monténégro*, i. 284 †
 Ysabal, village of, Guatemala, viii. 589; lake of, Sapper's visit to, xiv. 804
 Ysabel island, Solomon Ids., xii. 403, *et seq.*
 Ysianus, town of, Bolivia, v. 328, 335
Yucatan—
 Ancient monuments and ruins in, v. 427, viii. 591; (at Uxmal) photographs of, James, xii. 128
 Journey to, from British Honduras, Miller, xi. 23 *
 Journeys in, Charnay, ii. 252, iv. 565, ix. 128
 Map of the peninsula of, i. 544
 Yü-Kiang river, Southern China, xiii. 254
 Yukon, Fort, depth of frozen soil at, viii. 741
Yukon river, Alaska, xiii. 84—
 Explorations in the district of, Schwatka, xiv. 561
 Map of part of the Mackenzie and, xiv. 815
 Passes to the, from the Chilcat country, map of, Krause, v. 750
 Report on, Dawson, xi. 461
 Sledge Journey in the Delta of the, Nelson, iv. 660 *
 Yulduz valley, Turkistan, iii. 168
 Yule, Col. Sir Henry, on the idols of Bamián, i. 338; on Colquhoun's journey from Canton to Bhamo, iv. 558; on the oldest records of the sea route to China from Western Asia, iv. 649; Gill's River of Golden Sand, edited by, vi. 99 †; data regarding Iravadi river, vii. 300; obituary of Sir Arthur Phayre, viii. 103; Hobson-Jobson, Glossary of Anglo-Indian Colloquial Words, viii. 404 †; Diary of W. Hedges, ix. 587 †; on the

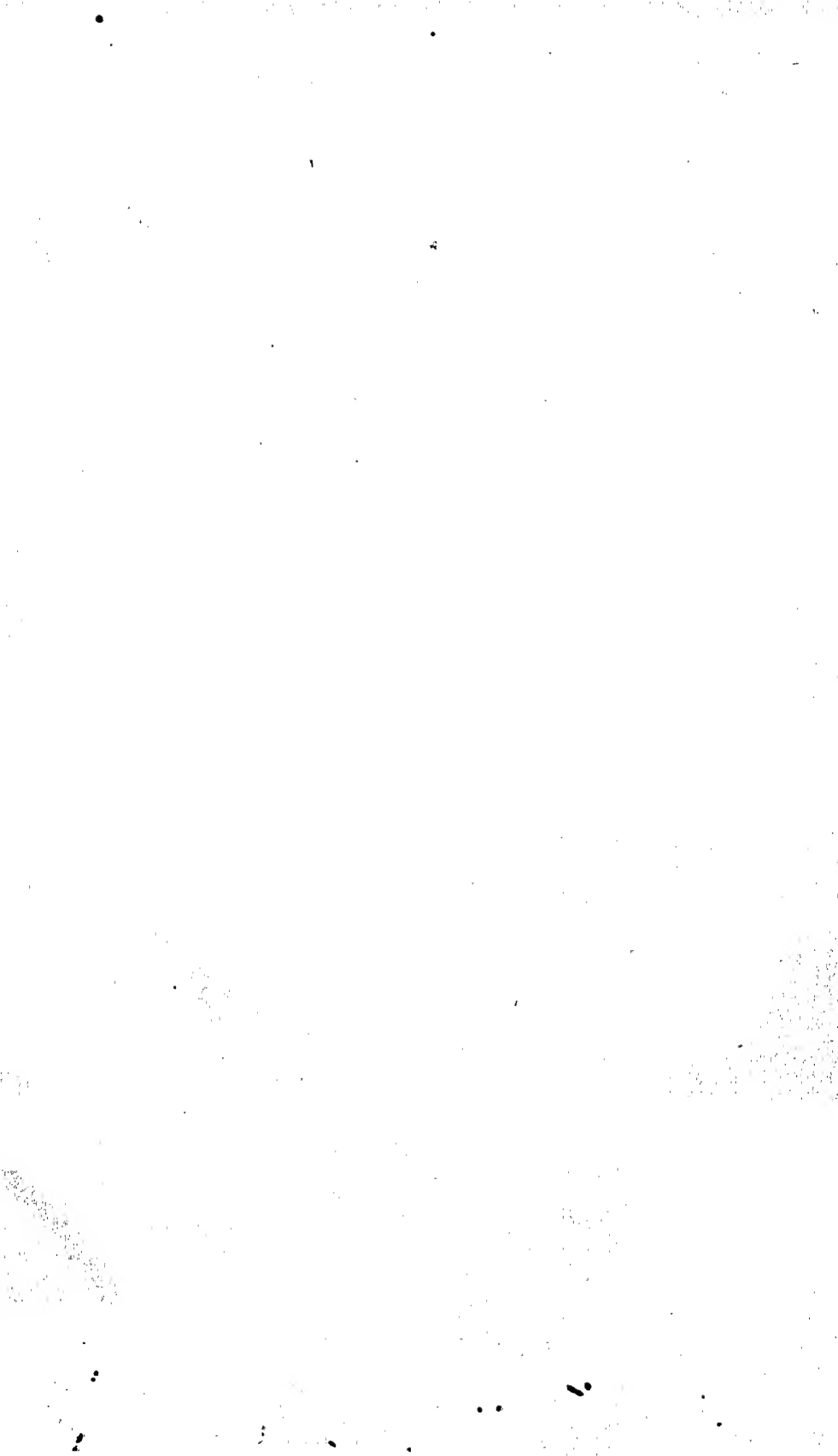
Yule, Col. Sir Henry—*continued*—
 source of the Dibong river, x. 581; remarks at evening meetings, iii. 295, iv. 269, 762, v. 456, vi. 15, viii. 17, ix. 37, x. 42; obituary of, MacLagan, xii. 108; Memoir of, Cordier, xiii. 242 †; *id.*, Coutts Trotter, xiii. 242 †
 Yule island, New Guinea, i. 8, 12
 Yule mount, New Guinea, Bedford's expedition to, xiii. 229, 430
 Yumb, river, W. Africa, ii. 707
 Yung-chang, China, i. 502
 Yung-pai T'ing town, viii. 378, 382
Yunnan Province, China, iv. 716, 718-722, 763, v. 451-457—
 Notes on, Soltan, iii. 564
 Railways to, question of, viii. 384
 South Eastern, exploration of, Bourne, viii. 129
 Targhin and the new approach to, B.
 Trade routes of, iv. 724, 725; between Ssü-Ch'uan and, viii. 383
 Work on, Roehrer, ii. 391 †
 Yunnan-Fu, China, i. 500
 Yun Shans, the, Southern China, v. 673
 Yumari river, British Guiana, iv. 693, 696
 Yürüks, nomad tribe of Asia Minor, vi. 308, 314, xii. 453, *et seq.*
 Yuruma tribe, viii. 521
 Yush village, Persia, v. 62
 Yusuf, Bahr, its present state and uses, Brown, ix. 614. *See also* Rain.
 Yzabel. *See* Ysabal.
 Yzo, Falls of, Bermejo river, xi. 140

Z

Zabala, A. G., *Vocabulary of the Fun Language in West Africa*, ix. 460 †
 Zacapa, Plain of, Guatemala, v. 189
 Zacharias, Dr. O., *Zur Kenntnis der niederen Tierwelt des Riesengebirges*, etc., xii. 702 †
 Zafirambo tribe, Madagascar, iv. 526
 Zaire. *See* Congo.
 Zakrevsky, M., work in Dzungaria, xi. 312
 Zalesky, S., Lake Ingol, xiv. 260 †
 Zama, ancient town of, Tunis, discovery of, v. 298
Zambesi river and region—
 Boundaries in, British and Portuguese, xii. 662, 663
 Country between Umvukwe mountains and, v. 268
 Delta of, map of, xiii. 593; *id.*, Sarmiento, iv. 254; Rankin on, xi. 693, xii. 186 *
 Expeditions and explorations in—xiv. 373; Andrada, iv. 372; Dele, xiv. 325; Holub, ii. 166 *; Pinto, i. 383; Portuguese, various, viii. 507 *
 Falls of, height of, x. 309, 310
 Hydrography of, Guyot on, iii. 760
 Journey from Lake Nyasa to, Sharpe, xii. 741 *; north of, Selous, iii. 169

- Lower, Tschigunda Languages of, Laws, ix. 58 †
- Maps of the, v. 309, xii. 188
- Marutze-Mabunda empire of, Holub on, ii. 261
- Plain between Mashonaland and, xii. 348, 349
- Sources of the, Arnot's Journey to, xi. 65 *
- Surveys of, Portuguese, map of, Kiepert, v. 629
- Tribes of the—Depelchin on, v. 167, 285; migratory, viii. 75
- Trip across, Schindler, iv. 632
- Upper—basin of, Pinto, i. 683; expedition to, Depelchin, etc., ii. 432, 694; Journey on, Selous, xi. 216*; news from, vii. 540
- Zambesi Opium Company's plantations at Mopea, vii. 647
- Zambezia, the New British Possession in Central Africa, Maund on, xii. 649*; England's El Dorado in Africa, Mathers, xiii. 694†; northern, map of, Stanford, xii. 773
- Zamindawar, i. 195
- Zandeh tribe, ix. 295, 296. *See* Niam Niam.
- Zangi-diwan pass, India, v. 614
- Zanner glacier and pass, Caucasus, vii. 600, x. 339 *note*, 342, 692, xiii. 111
- Zante, original map of the island, xiii. 510
- Zanzibar—
- Climate of, iii. 375; Robb on, ii. 183
- Collections made in, Révoil, v. 428
- Correspondence relating to, x. 540 †
- Extent of, vi. 628, 629
- Industrial capabilities of, report on, Portal, xiv. 240
- Monthly mail established between Lake Tanganyika and, by London Missionary Society, ix. 114
- Road from, to Ujiji, iv. 2
- Territory of the Sultan of, vii. 240, ix. 493
- Work on, Schmidt, x. 177 †
- Zanzibaris on the Congo, vii. 230
- Zapateco tribe, Vera Cruz, ix. 568, 570
- Zapatera and Zapotilla volcanoes, Central America, v. 670
- Zapatera lagoon, S. America, iii. 713
- Zarafshan glacier, vi. 495; Mushketof's ascent of, ii. 165, iii. 113
- Zarafshan river, Turkistan, xiii. 24, xiv. 780, 784; Parisky's survey in the region of the, ix. 434; valley of the, xii. 357
- Zaragoza, town, Columbia, v. 253
- Zaremba, C. W., Merchants' and Tourists' Guide to Mexico, vi. 56 †
- Zarghun mountain, Afghanistan, iv. 343
- Zarun district, Morocco, xi. 489 *
- Zaskar range, Himalayas, v. 615, 622
- Zaw-gyi river, xiii. 402
- Zaya-chu river, Tibet, vii. 313, viii. 100, 425; Needham's journey to the, viii. 265; valley of the, vii. 75. *See also* Lohit.
- Zayas Enriquez, Mr. R. de, on the Indians of Vera Cruz, ix. 573
- Zayul. *See* Zayal.
- Zeballos, E. S., La Conquista de Quince Mil Leguas, etc., i. 79 †; explorations of the Argentine Pampas, ii. 703; member of the Crovaux expedition, v. 487; Description Amena de la Republica Argentina, xi. 463 †
- Zoguha. *See* Useghua.
- Zehden, Dr. C., Commercial Geography, xi. 398 †
- Zehgin, route from, to Sangbur, vii. 165
- Zeidun, Wadi, ix. 665
- Zeila, v. 365; Journey through part of Somaliland between Bulhar and, Nurse, xiii. 657*; map of country between Ankober and, xii. 369; port of, vii. 94, 118, 644
- Zeit, Jebel, ix. 677; petroleum deposits at, viii. 502
- Zelandia fort, Formosa, vii. 2
- Zeledón, P. P., on the Validity of the Treaty of Limits between Costa Rica and Nicaragua, x. 110 †
- Zemu valley and glacier, xiv. 613, 617
- Zendarud river, Persia, v. 144, 145
- Zendjan, map of route from, to Tacht i Soleiman, Hontum-Schindler, v. 749
- Zenge tribe, viii. 737
- Zeni Brothers—Travels of, in the North, Krarup, i. 152 †; Nordenskiöld, v. 372 †; Steenstrup, v. 681 †; Major on, v. 725
- Zenufana region, Columbia, v. 254
- Zera Kandai Kotal, i. 626
- Zernfshan. *See* Zarnfshan.
- Zerre, Mount, Southern Persia, v. 146
- Zeuner, Capt., explorations in Central Africa, xi. 375, 562
- Zhob and Gomul expedition, Sandeman on, xii. 169
- Zhob valley, survey of, xiv. 382
- Ziarat-i-Khas-rud, Persia, v. 75, 82
- Ziaret-dagh peak, viii. 97, 98
- Zimmermann, Dr. J. M., Geographical Text on the Geographical Map of the Earth, v. 100 †; Canton Graubünden, v. 703; Rivers in Europe, vi. 358; Switzerland, v. 627, x. 332; United States, Mexico, etc., iv. 455; obituary of, v. 293
- Ziel, Mount, Central Australia, xiii. 351
- Zigi river, E. Africa, i. 85, 89, 91, 549, 554, vii. 159 *and note*
- Zigor river, Afghanistan, i. 628
- Zima lake, Morocco, xi. 5
- Zimbabwe, ruins at, vii. 443 *note*, 444, xiii. 14, 17; Explorations of, Bent, xiii. 35, 105, 483, 608, 723, xiv. 120, 273*; observations on, Phillips, xiii. 105; Orientation of the buildings at, Swan, xiv. 306
- Zimmern, H., the Hansa Towns, xi. 748 †
- Zinda-rud river, Persia, vii. 816
- Zindah Hashim pass, Afghanistan, vii. 562
- Zindans, the, of Bokhara, vi. 495
- Zingabila town, viii. 73

- PRINTED BY WILLIAM CLOWES AND SONS, LIMITED, LONDON AND BECCLES.



J
N 82

"A book that is shut is but a block"

CENTRAL ARCHAEOLOGICAL LIBRARY

GOVT. OF INDIA
Department of Archaeology
NEW DELHI.

Please help us to keep the book
clean and moving.

S. B., 148, N. DELHI.